

DX LISTENING DIGEST 16-12, March 23, 2016
Incorporating REVIEW OF INTERNATIONAL BROADCASTING
edited by Glenn Hauser, <http://www.worldofradio.com>

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[also link to previous years]

NOTE: If you are a regular reader of DXLD, and a source of DX news but have not been sending it directly to us, please consider yourself obligated to do so. Thanks, Glenn

WORLD OF RADIO 1818 CONTENTS: *DX and station news about:
Albania, Anguilla, Australia, Brazil, Chad, Congo, Cuba and non,
Equatorial Guinea, Germany and non, Korea North and non, Madagascar,
Netherlands non, Oklahoma non, Romania, Rwanda non, South Africa,
Sudan, Sudan South non, Uganda non, USA, Yemen non, Zambia,
unidentified

SHORTWAVE AIRINGS of WORLD OF RADIO 1818, March 25-31, 2016

Thu 1130	WRMI	9955 [confirmed]
Thu 2100	WRMI	13695 [confirmed]
Thu 2330	WBCQ	9330v-CUSB [confirmed]
Fri 2130	WRMI	15770 [confirmed]
Fri 2130	WRMI	13695 [confirmed]
Fri 2330	WBCQ	9330v-CUSB [confirmed]
Sat 0730	HLR	6190-CUSB Hamburger Lokalradio [confirmed]
Sat 1530	HLR	7265-CUSB Hamburger Lokalradio [confirmed]
Sat 1930v	WA0RCR	1860-AM
Sat 2230	WBCQ	9330v-CUSB [confirmed]
Sun 0310v	WA0RCR	1860-AM [confirmed from 0326]
Sun 2330	WBCQ	9330v-CUSB
Mon 0300v	WBCQ	5130.815v-AM Area 51 [confirmed from 0301]
Mon 0330	WRMI	9955 [confirmed]
Mon 2330	WBCQ	9330v-CUSB
Tue 1100	WRMI	9955
Tue 2330	WBCQ	9330v-CUSB
Wed 1315	WRMI	9955
Wed 2100	WBCQ	7490v
Wed 2330	WBCQ	9330v-CUSB

Latest edition of this schedule version, including AM, FM, satellite and webcasts with hotlinks to station sites and audio, is at:

<http://www.worldofradio.com/radioskd.html> or

<http://schedule.worldofradio.org> or <http://sked.worldofradio.org>

For updates see our Anomaly Alert page:

<http://www.worldofradio.com/anomaly.html>

WORLD OF RADIO PODCASTS:

Tnx to Dr Harald Gabler and the Rhein-Main Radio Club.

<http://www.rmrc.de/index.php/rmrc-audio-plattform/podcast/glenn-hauser-wor>

ALTERNATIVE PODCASTS, tnx Stephen Cooper:

<http://shortwave.am/wor.xml>

AND ANOTHER PODCAST ALTERNATIVE, tnx to Keith Weston:

<http://feeds.feedburner.com/GlennHausersWorldOfRadio>

Also via [but still not back in service]:

<http://tunein.com/radio/World-of-Radio-p198/>

OUR ONDEMAND AUDIO:

<http://www.worldofradio.com/audiomid.html>

or <http://wor.worldofradio.org>

DAY-BY-DAY ARCHIVE OF GLENN HAUSER'S LOG REPORTS:

Unedited, uncondensed, unchanged from original version, many of them too complex, minutely researched, multi-frequency, opinionated, inconsequential, off-topic, or lengthy for some log editors to manage; and also ahead of their availability in these weekly issues:

<http://www.hard-core-dx.com/index.php?topic=Hauser>

NOTE: I have *resolved* to make DXLD leaner, more selective, as I seriously need to reduce my workload, much of which has been merely editing gobs of material into presentable form. This makes it even more important to be a member of the DXLD yg for additional material which may not make it into weekly issuses (gh)

DXLD YAHOOGROUP: Why wait for DXLD? A lot more info, not all of it appearing in DXLD later, is posted at our yg without delay.

When applying, please identify yourself with your real name and location, and say something about why you want to join. Those who do not, unless I recognize them, will be prompted once to do so and no action will be taken otherwise. Here's where to sign up:

<http://groups.yahoo.com/group/dxld/>

** ALASKA [and non]. / Madagascar. As I said Konstantin Chernushenko, a new address for messages and reports for admission to a station KNLS: knlsradio@gmail.com. This address Russian department, reports can be submitted both in English and in Russian. E-mail radio Madagascar World Voice: mwvradio@gmail.com. The reports and messages can be sent in English and Russian. More can be read here: <http://www.knls.net/rus/schedule.htm> (Dmitry Kutuzov, Ryazan, Russia / "deneb-radio-dx", via RusDX March 20 via DXLD) see also MADAGASCAR

** ALBANIA. And the Radio Tirana transmission on 7390 sounds as if they turn the faders up to the top because people complained about soft modulation, overdriving the distribution amplifiers and this way producing a rather bad distortion. Things got better at 0920, apart from rather present mains hum.

By the way, the transmitter is not a very old one but from 2004. When they sold out the Cîrrik plant they got from the Chinese two 100 kW rigs for reviving the Shijak shortwave operations: <http://www.bamlog.com/rtirana.htm>

It appears that meanwhile only one of these transmitters is still operational and can not use another antenna than a 310 degree curtain anymore. And who knows what's the carrier power the transmitter really produces and how much of it really goes into the air instead of the ground (Kai Ludwig, Germany, March 20, dxldyg via DX LISTENING DIGEST)

** ALBANIA. R. Tirana A-16: English: Mon-Sat 2000-2030 to Europe still on 7465; UT Tue-Sun 0130-0200 to North America on 9855. Also daily Albanian at 2300-2400 on 9855. Watch out for IBB via KUWAIT in Tibetan on 9855 at 0000-0100, surely to be jammed (Glenn Hauser, OK, WORLD OF RADIO 1818, DX LISTENING DIGEST)

** ANDAMAN & NICOBAR ISLANDS. 4760.000, INDIA, AIR Port Blair, on exact accurate frequency. At 1038 UT on pre-sunset propagation S=4 - 100dBm. [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang B_schel, log of monitoring on remote SDR unit located in eastern Thailand, March 17 at 1030-1330 UT, dxldyg via DX LISTENING DIGEST)

4760.000, INDIA, AIR Port Blair, Brookshabad, Andaman and Nicobar Islands service, in Hindi, at 0030 UT. S=6 -92dBm. Morning fade-out path signal. Port Blair Haddo Post, Dilanipur, Port Blair-744102, Andaman & Nicobar Isl., India <portblair -at- air.org.in> <airportblair -at- rediffmail.com> 1 x 10 [kW] transmitter [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang B_schel, 0030-0300 UT on March 23, log on remote SDR unit in eastern Thailand, BC-DX 23 March via DXLD)

** ANGOLA. 4949.75, R. Nacional de Angola, 0316, March 17. Audio nicely above threshold level; started out poor, but by 0400 was almost fair with the news and with IDs between items; "Radio Nacional de Angola"; played a lot of African pop songs; certainly one of their better days and still being heard at 0510 (Ron Howard, Asilomar State Beach, CA, EtÚn E1, antenna: 100' long wire, dxldyg via DX LISTENING DIGEST)

4949.75, R. Nacional de Angola, 0225, March 18 tuned in to find them already with above threshold level audio (Ron Howard, Asilomar State Beach, CA, EtÚn E1, antenna: 100' long wire, dxldyg via DX LISTENING DIGEST)

** ANGUILLA. 6090, March 18 at 0104, University Network modulation is breaking PMS up horribly, and making crackle audible out to 6081-6099. // 5935 WWCR is clean signal.

11775, March 18 at 1451, University Network with huge distortion, an occasional comprehensible word of PMS penetrating thru breakup; crackling audible at least out to plus/minus 7 kHz, 11768-11782. Same thing that was ruining 6090 last night. Doesn't anyone in The Valley notice, at least when changing frequencies, that the transmitter is way out of whack, and needs to be closed down until repaired? Of course not! Tsk2, she dispensed with services of a competent engineer, George McClintock who used to go down there and fix it.

11775, March 18 at 2013 recheck, University Network is **still** distorting and breaking up, splattering, unusable and a menace to innocent bysenders.

6090, March 19 at 0155, UN is **still** breaking up and crackling out to at least 8 kHz above and below. It's now at least 24 hours into this disservice.

11775, March 19 at 1410 and 1446 chex, modulation (but not carrier) ***still*** breaking up: make that 37 hours and counting.

11775, March 19 at 1910, TUN is ****still**** breaking up modulation, sounds like DGS attempting to intone from the grave, rather than PMS at the moment. 6090, March 20 at 0048 *****still***** breaking up, recognizably DGS with long pauses for puffs, but incomprehensible, so now it's at the 48-hour mark since I first noticed this.

6090, March 20 at 0549, PMS is still distorted, but not breaking up completely so more or less readable if you can stand it (Glenn Hauser, OK, DX LISTENING DIGEST)

6090, Terrible audio feed line via web? Lady sermon prayer heavily

distorted voice, heard at 0758 UT March 20 here in Germany. 73 wb
df5sx (Wolfgang B,schel, dxld yg via DX LISTENING DIGEST)

11775, March 20 at 1540 check, *****still***** distorted, DGS,
unusable. Now 62+ hours of it. I assume all this result from a bad
downlink satellite receiver.

11775, March 20 at 1948, modulation *****still***** breaking up from
Caribbean Beacon, whenever DGS tries to speak amid his long pauses. 90
hours of this and counting! Before then, it was off the air for a day
or so.

6090, March 22 at 0339, TUN/CBB/AIA/DGS modulation is still distorted,
breaking up, 99 hours since first noted March 18 circa 0100. 11775,
March 22 at 1620, DGS with breakup but readable if you put up with it,
112 hours and counting.

6090, March 23 at 0251, PMS modulation is *****still***** very
distorted, 5+ days after first noted, 122 hours and counting.

11775, March 23 at 2157 check just before day frequency closing, PMS
is *****still***** breaking up (Glenn Hauser, OK, WORLD OF RADIO
1818, DX LISTENING DIGEST) Meanwhile:

11775, University Network (presumed); 1401, 19-Mar; Rev. Barbie; very
distorted // 13845 WWCR (presumed) weak but clear, so presume problems
at Anguilla.

+++ 1533, 20-Mar; Dead Dr. Gene; still distorted.

+++ 1345, 21-Mar; Rev. Barbie still in Cairo mode, but noticeably less
distortion.

+++ 2133, 21-Mar; R.B. very distorted.

+++ 1654, 22-Mar; DDG very distorted.

+++ 2041, 22-Mar; Rev. Barbi almost clear! Co-channel QRM in French
with Arabish music; presume Radio Algerienne via France.

+++ 1451, 23-Mar; Rev. Barbie back to very distorted (Harold Frodge,
Midland MI, USA, Drake R8B + 185' & 60' RW + 125' bow-tie, --- All
logged by my ears, on my receiver, in real time! MARE Tipsheet via DX
LISTENING DIGEST)

** ARGENTINA. EVACUARON RADIO NACIONAL BUENOS AIRES POR UNA AMENAZA DE
BOMBA

Los trabajadores de Radio Nacional debieron evacuar a las 7.30 el edificio ubicado en la calle Maip' 555 debido a que un sujeto ingresó con presuntos elementos explosivos en su cinturón y fue reducido por la policía, informaron a Telam fuentes del servicio Informativo de la emisora.

Ocurrió durante el programa "Poné primera" conducido por Eduardo Anguita y Romina Manguel que al aire, y mientras realizaba una entrevista, se le escucha decir "estamos con un pequeño inconveniente" mientras de fondo se escucharon gritos.

Pasadas las 8, el personal completo de la radio se encontraba afuera de la emisora sobre la calle Maip' al 500, casi Lavalle, mientras que la Policía Federal se encuentra trabajando en el interior realizando las correspondientes pericias (Telam via GRA blog March 23 via DXLD)

** AUSTRALIA. 3210 kHz shortwave 'Unique Radio' Halls Creek NSW Australia (Tim Gaynor)

Hi Glenn, A quick note to say I have activated a small low powered shortwave facility from my QTH at Halls Creek, 50 km North East of Tamworth, NSW, Australia.

It's a licensed HF domestic station with a 1 kW day ERP and night time 100 watts into the antenna. The antenna is a 35.5 metre vertical inverted wire with a 9:1 Unun and a ham antenna tuner on 3210 kHz.

I have had it on air quite a few weeknights from around 0800 till around 1300 UT although sometimes may go longer. Some weekends again from 0800 till around 1400 UT.

I would also like to air your superb show at random night times, if that's OK? I've been airing a lot of my old net shows and also a mix of oldies. But would like to have more DX style shows and maybe have them in programming blocks, especially weekend nights.

So far I have received a few reception reports from The Gold Coast, Queensland, and also Brisbane, Queensland.

Anyone hearing 'Unique radio 2SG' OR MAXIHITZ could let me know on email nri3@yahoo.com.au --- I will QSL for correct audio files and/or reports. Many thanks, Glenn, and love your show. Best regards (Tim Gaynor, March 17, WORLD OF RADIO 1818, DX LISTENING DIGEST) I told him fine, please do (gh)

Hi Glenn, March 17, out here on the coast, was only able to hear an open carrier on 3210, randomly checking from about 1140 to 1340, but never at the level to make out any audio. Imagine it will take an

exceptional day of very good propagation for any reception at my QTH.

Was checking due to Hiroyuki Komatsubara's alert that he heard "Unique Radio" on March 15, via remote receiver in Australia at 1000 (Ron, California, March 17, dxldyg via WORLD OF RADIO 1818, DX LISTENING DIGEST)

He's the only Aussie LP SW on air since mid 2015. I knew two years ago that he was working on getting to air. Not sure why Symban is not back on air yet. Might make some enquiries later on. Cheers (Ian, NSW, WORLD OF RADIO 1818, DX LISTENING DIGEST)

** AUSTRALIA. Low power stations -- I was listening to AWR's Wavescan for 27 December 2015 as I was riding my bicycle to work today. Craig Allen of Ozzy Radio fame was interviewed and I really wonder about the accuracy of the content. He mentioned low power stations on 120, 90, 60 meters as well as plans for the X-band, as if they are up and running. He only mentioned his own station, which he reported moving from 5050 to 5055 kHz, as well as "the Greek station" on (sic) 2368 kHz.

Now my question is: are any low power Australian private SW stations actually on the air today, or is it a lot of wishful thinking? He also mentioned that his station was omni-directional, even though he went on to state that Ozzy Radio was fed to a dipole antenna. Since when are dipoles omni-directional? I have just read about 3210 as one that is now on the air, although not heard in N America yet. 73 (Walt Salmaniw, BC, March 18, dxldyg via DX LISTENING DIGEST)

Just as pertains to the dipole and the omni directional part - a horizontal dipole that is low above ground in terms of the operating frequency is mostly omnidirectional - the signal goes mainly upwards in all directions. A dipole hung as an inverted V is pretty omni. I'd also consider a vertical dipole to be omni in the horizontal plane.

Pretty uncommon to get any audio this far inland (such as 2368) but will have to watch for 3210. 73 (Don Moman, Lamont, Alberta, ibid.)

Walt, Don's right, a single dipole on shortwave is mostly omni-directional. A good way to envision it is to imagine that you have donuts hanging from the elements. The signal emanates in the shape of the donuts. In two dimensions it would appear that no radiation leaves from the ends but in three dimensions, radiation that goes vertical will be refracted back down in all directions. Best regards, (Jlenamon, Waco TX, ibid.)

Hi Walt, Here is some older info, for whatever it's worth.

RE: "This is Australia - Narrowband Radio Broadcasting"
<http://members.boardhost.com/australiaradio/>
(last updated August 30, 2015)

"Shortwave HF Domestic Broadcast Frequencies
2355, 2368.5, 3210, 5045, 5055 kHz in the
120, 90 and 60 meter (tropic) broadcast bands"

Today (March 18) again heard definite open carrier on 3210, checking at 1215 & 1242. Even though stronger than yesterday, still no audio detected. Late last year occasionally checked 2355 kHz, but never heard anything there.

Radio Symban (last heard by me on 2368.47) has been silent for a long time now. Sent several emails to Tom Tsamouras at Radio Symban asking about their status, but no response.

Regularly I check 5045 & 5055 for the return of Ozy Radio, but nothing heard as of March 18. Last info I had from last year was: Aug 24 - Craig Allen's comment: "hi Ron 5055 will be on air soon. Currently building TX 1Kw." As is often the case with Craig, "soon" takes a very long time, hi.

BTW - For a long time now there is no access to "Facebook Australia Narrowband Broadcast Radio." Perhaps they took exception to my disseminating their Facebook info outside Facebook? (Ron Howard, California, WORLD OF RADIO 1818, *ibid.*)

Roger that re the Dipoles, and confirmation, of sorts, that there are no unknown transmitters from Australia on the air. Maybe all "Future planned", or wishful thinking. 73, (Walt Salmaniw, *ibid.*)

Most likely the next Unique R broadcast on 3210 kHz will be heard next Fri & Sat night. With Easter holidays imminent it might also be worth looking before & after those days. (Ian (AUS), March 22, WORLD OF RADIO 1818, DX LISTENING DIGEST)

** AUSTRALIA. 9580, March 17 at 1330, I tune in Radio Australia and can't tune away, even for NPR Morning Edition. It's a discussion about the Romanovs, on 'Conversations with Richard Fidler', one of the gems of shortwave (incidentally on SW, really originating with ABC Radio National). Here's the post-dated info with an audio link to it:

Simon Sebag Montefiore Friday 18 March 2016 12:05AM

Simon is a prolific British historian, whose works - including the acclaimed Jerusalem - are widely read. His latest work charts the rise and ruin of the most successful modern dynasty, the Romanovs. From the

ruins of a modest principality, the Romanovs built a vast empire. They once ruled a sixth of the world's surface. The family's tsars and tsarinas include the ruthless giant known as Peter the Great, who built St Petersburg, and who tortured his own son to death. Another was a brilliant German aristocrat who became Catherine the Great of Russia. Nicholas II and Alexandra, the last of the Romanov rulers, were gunned down with their family.

Further information

The Romanovs 1613 - 1918 published by Weidenfeld & Nicholson

Interview recorded at a live event as part of Adelaide Writers' Week, 2016.

Listen or download audio

<http://www.abc.net.au/radionational/programs/conversations/simon-sebag-montefiore/7255890>

Which I do and listening later, would just as soon have missed some rather gruesome history. But this mirrors what Rodney Johnson, NV told the dxldyg about the same show 24 hours earlier:

``I was going to just keep on bandscanning after tuning it but I heard a very familiar voice. Alan Alda (Hawkeye Pierce from the M*A*S*H television show I grew up watching) was the guest of their 'Conversations' program. I couldn't tune on, I listened, transfixed, until it was over. He was relating the importance of Science and Mathematics schooling even though he was (obviously) an arts major. I ended up looking it up on podcast (Alan Alda on bringing science to the stage)...

<http://www.abc.net.au/local/stories/2016/03/15/4425193.htm>

and listening to the entire thing`` (Glenn Hauser, OK, DX LISTENING DIGEST)

** AUSTRALIA. Reach Beyond Australia A16 schedule

Sorted by time

<http://tinyurl.com/zn6bxqp>

Sorted by language

<http://tinyurl.com/jk7vbd8>

--- (via Alokesh Gupta, New Delhi, India, DX LISTENING DIGEST)

** AUSTRALIA [non]. Usefulness of DX segments --- As I was listening to AWR's Wavescan program, downloaded from their website, there was a segment from Bob Padula, much of which included propagation conditions, before giving bandscan findings. Now, I'm grateful for his many decades of dedication to the hobby, but unfortunately, they're of little value since there is not one mention of the dates he's talking about. Now I'm sure that many of us do not listen over the air anymore, but rather download them over the internet. In my case, I'll

unload a month or more's worth of various podcasts and place them on my iPod for listening at my convenience. I know I've mentioned this a few years back to him, but there's been no change in this behaviour. Folks, if you want to be more pertinent, I'd advise you to simply date stamp your program (as Glenn Hauser always does). Thanks for indulging me this Sunday afternoon, March 20, 2016. ;-) (Walt Salmaniw, Victoria, BC, dxldyg via DX LISTENING DIGEST)

** BANGLADESH. 15505, March 17 at *1359:02, JBA carrier on from Bangladesh Betar, but just too weak to make out a mis-timesignal today. 15505, March 22 at 1357, the Bangladesh Betar carrier is on at S4; circa 1400 all I can detect is the mistimesignal ping ending at 1400:10 (Glenn Hauser, OK, DX LISTENING DIGEST)

** BELARUS. 11730, Mar 19, 2016. 2014-2023, Radio Belarus, Minsk. Two Belarussian beautiful songs; 2020 ID, program in English. Good signal, spur txr and fair modulation, 43433 (DXer - JosÉ Ronaldo Xavier (JRX), Cabedelo - PB, Brazil, Sony ICF-SW100S Portable, Telescopic antenna, Hard-Core-DX mailing list via DXLD)

What do you mean by ``spur txr`` ??? Spurs appear on different frequencies which you do not cite. Supposedly the ones from 11730 Belarus had been eliminated per wb (gh)

** BHUTAN. 6035.05, BBS, 1209-1221*, March 21. Slightly stronger than PBS Yunnan (YL talking in Vietnamese) on 6035.0; at 1209 & 1213 BBS briefly played indigenous instrumental music (as they normally do) with OM announcer in vernacular; 1216-1220 with indigenous music & singing; suddenly off. A good day for BBS! (Ron Howard, Asilomar State Beach, CA, Etûn E1, antenna: 100' long wire, dxldyg via DX LISTENING DIGEST)

6035.054, odd frequency, BBS Thimpu, S=6 at 1012 UT on March 22. And some 55 Hertz whistle heterodyne tone, against co-channel CNR PBS Yunnan, Vietnamese sce, "Voice of Shangri La" program. S=9+15dB signal on remote SDR unit, which joined remotely at eastern Thailand location. 73 wb df5sx (Wolfgang B,schel, ibid.)

6035.053, odd frequency BBS Thimpu, S=7-8 or -80dBm at 0130 UT on March 23. Himalayan region like music, heard on remote SDR unit in eastern Thailand location. [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang B,schel, 0030-0300 UT on March 23, log on remote SDR unit in eastern Thailand, BC-DX 23 March via DXLD)

** BIAFRA [non]. SECRETLAND, SPL Secretbrod Brother HySTAIRical-open carrier, March 18
from 1605 11600 SCB 100 kW / 090 deg WeAs dead air and off at 1625 UT
from 1605 15600 SCB 050 kW / 126 deg N/ME dead air and off at 1625 UT

<http://swldxbulgaria.blogspot.bg/2016/03/spl-secretbrod-brother-hystairical-open.html>

(DX RE MIX NEWS # 944 from Georgi Bancov and Ivo Ivanov, March 21, 2016, via DXLD)

SECRETLAND, SPL Secretbrod relay Radio Biafra, Mar 18
from 2000 on 11600 SCB 100 kW / 195 deg to WeAf English, live
<http://swldxbulgaria.blogspot.bg/2016/03/spl-secretbrod-relay-radio-biafra-march.html>

-- 73! (Ivo Ivanov, B'lgariya, dxldyg via DX LISTENING DIGEST)

CLANDESTINE, 11600, Mar 19, 2016. 2225-2235, Radio Biafra, SPL Secretbrod, in English. Authentic African songs; 2229 OM: ID; 2030 Music, continues; 2234 ID, broadcast to Nigeria. Very good signal and fair modulation, 45433 (DXer - JosÈ Ronaldo Xavier (JRX), Cabedelo - PB, Brazil, Sony ICF-SW100S Portable, Telescopic antenna, Hard-Core-DX mailing list via DXLD)

**** BOLIVIA. CADENA DE 200 RADIOS BOLIVIANAS PEDIR; LA RENOVACI" N DE SUS LICENCIAS**

Unas 200 emisoras radiales del pa'is, unidas en la Asociaci" n Boliviana de Radiodifusi" n (Asbora), transmitir" n ma'ana en simult" neo la entrega al Gobierno de la propuesta que defiende la renovaci" n de licencias estipulada en la Ley de Telecomunicaciones.

iAsbora est" preparando un acto por el D'ia del Radialista (19 de marzo) y se aprovechar" esa actividad para presentar y difundir la propuesta oficial del sector al Ministerio de Obras P' blicas, cuyo objetivo es que se aplique la Ley 164, que permite la renovaci" n de licencias, inform" el asesor legal de la Asociaci" n, Mario Andrade.

El abogado explic" que la Autoridad de Regulaci" n y Fiscalizaci" n de Telecomunicaciones y Transportes (ATT) no est" aplicando correctamente el art'culo 30 de dicha ley y asegur" que solo pretende basarse en el decreto reglamentario de la norma.

El art'culo 30 de la Ley 164 se'ala que las licencias, que tienen una duraci" n de 15 a'os, pueden ser renovadas por una sola vez en igual periodo. No obstante, el decreto reglamentario indica que con las emisoras comerciales deber" procederse a la asignaci" n de frecuencias mediante el procedimiento de licitaci" n p' blica.

iEl decreto 1391 tiene algunos art'culos que contradicen a la Ley de Telecomunicaciones y lo "nico que nosotros buscamos es que se corrija esta situaci" n. Esta norma fue elaborada sin la participaci" n de representantes de Asbora, dijo.

Hace 20 años, el 5 de julio de 1996, se aprobó y se puso en vigencia la Ley de Telecomunicaciones 1632, a la norma se acogieron las radioemisoras obteniendo o renovando las licencias por 20 años m.s. En 2011 se elabora la Ley 164, que establece la renovación de licencias por otros 15 años; dos años después se promulga su reglamento, que precisa que las frecuencias deben redistribuirse en un 33% para el Estado, otro 33% para medios comerciales y 17% para el ámbito social comunitario y pueblos indígenas.

La realidad es que las radios comerciales superan ese 33% con creces, de allí que seguramente muchas, unas 400, según cálculos de Asbora, tendrían que desaparecer. Esto significa familias sin sustento, especificó el jurista. Asbora realizará la actividad en el hotel Presidente, desde donde las 200 emisoras transmitirán la demanda a partir de las 10.30 (La Razón, Bolivia via GRA blog March 18 via DXLD)

** BOLIVIA. 6024.983, BOL? Red R Patria Nueva, La Paz, S=5 -94dBm tiny signal some 3-5 Hertz wandered up and down. 73 wb df5sx (Wolfgang B, schel, Logs: Sunday, March 20, 0650-0758 UT in Germany, dxld yg via DX LISTENING DIGEST)

** BOUGAINVILLE. 3325, NBC Bougainville, 1153-1202*, March 17. Identical format, ID and sign off time as heard yesterday; mixing with RRI Palangkaraya (Ron Howard, Asilomar State Beach, CA, EtÚn E1, antenna: 100' long wire, dxldyg via DX LISTENING DIGEST)

3325, NBC Bougainville, 1147-1216*, March 19. Nice to find that RRI Palangkaraya was off the air today; DJ in Pidgin/Tok Pisin with Celine Dion song and Pacific Islands pop songs; at 1200 not the recently heard format of ID and off; instead continued with music; 1210 a different DJ in English; weak, but at least they had no QRM. (Ron Howard, Asilomar State Beach, CA, EtÚn E1, antenna: 100' long wire, dxldyg via DX LISTENING DIGEST)

3325, NBC Bougainville, 1145-1205*, March 21. Today NBC slightly better than RRI; pop songs with DJ in Pidgin/Tok Pisin; 1202 full "NBC Bougainville" ID with usual frequencies; into the news in English; suddenly off (Ron Howard, Asilomar State Beach, CA, EtÚn E1, antenna: 100' long wire, dxldyg via DX LISTENING DIGEST)

** BRAZIL. Rádio Educadora de Limeira, ON em Ondas Tropicais (OT) 120 M. de 2380 kHz. OM CX Geral sobre a jornada de trabalho dos funcionários públicos de Limeira / SP. SINPO 34222 em 0948 UT. TX religado hoje 22 de Março 2016? Maybe and the energy is very expensive here, so it transmits some times a year <https://www.youtube.com/watch?v=erVgreRycVM&feature=youtu.be> RX: Tecsun S-2000, Antenna: Beverage simples NSSEA-21 (Daniel Wylllyans, Nova Xavantina MT Brazil, Hard-Core-DX mailing list via

WORLD OF RADIO 1818, DXLD)

Extremely noisy clip; I can't make anything of it except it sounds like Brazuguese (gh, DXLD)

** BRAZIL. Radio Verdes Florestas 4865 kHz & Radio Alvorada de Londrina 4862 kHz.
4865 kHz: MX amigo, com cantor Amado Batista e gravado com o cantor Eduardo Costa, SINPO 44333
& 4862 kHz: YL CX Sobre a Quaresma, depois OM. SINPO 34222 Dia 05 de Maro 2016 0011 UT
https://www.youtube.com/watch?v=_qnf6ExKalM&feature=youtu.be
RX: Tecsun S-2000. Antenna: Beverage simples NSSEA-21 (Daniel Wyllyans, Nova Xavantina MT Brazil, Hard-Core-DX mailing list via DXLD)

** BRAZIL. 4885, Rdio Clube do Par, Belm, *0704-0720, 20-03, Brazilian songs and comments, program "Eu e voc na madrugada". 24322 (Manuel Mndez, Lugo, Spain, Logs in Friol and Lugo, Tecsun PL-880, Sangean ATS-909X, Sony ICF SW7600G, Cable antenna, 8 meters, dxldyg via DX LISTENING DIGEST)

4885.03, 0000-0010 21.3, R Clube do Par, Belm, PA, Portuguese ann, 0003 ID: "Rdio Clube, Rdio Clube do Par" with mention of relaying stations and their frequencies 35343. Off the air Tue 22.3 at 0020. Best 73, (Anker Petersen, Denmark, my latest loggings from Skovlunde heard on the AOR AR7030PLUS, with 28 metres of longwire, via Dario Monferini, playdx yg via DXLD)

** BRAZIL. 4985, Rdio Brasil Central, Goinia, 0627-0655, 20-03, Brazilian songs, at 0630: "3 y 30, Rdio Brasil Central, ondas medias, curtas y tropical". Strong teletype interference. 21221 (Manuel Mndez, Lugo, Spain, Logs in Friol and Lugo, Tecsun PL-880, Sangean ATS-909X, Sony ICF SW7600G, Cable antenna, 8 meters, dxldyg via DX LISTENING DIGEST)

** BRAZIL [and non]. 5965, three peaks visible at 0653 UT: 5965.0 even and 5964.992 kHz, plus Brazilian station on lower side on 5964.951, ZYE857 Rdio Transmundial, Santa Maria [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang Bschel, morning log of 49 mb at southern Germany at 0559-0720 UT, March 22, dxldyg via DX LISTENING DIGEST)

** BRAZIL. Some Brazilian stations to mention heard this March 20 morning in 49mb:
5939.872 at 0725 UT S=6 -84dBm
5964.973 at 0730 UT S=5 -97dBm signal.
6059.774 at 0742 UT S=4 or -100dBm

6080.040 at 0745 UT, some 2-3 Hertz wandered up and down
6119.956 at 0748 UT, SRDA prayer [compare to below]
6135.208 at 0751 UT, strongest Brazilian px this morning, S=8
73 wb df5sx (Wolfgang B,schel, dxld yg via DX LISTENING DIGEST)

6119.951, ZYE969, SRDA S,,o Paulo. tiny S=5-6. [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang B,schel, morning log of 49 mb at southern Germany at 0559-0720 UT, March 22, dxldyg via DX LISTENING DIGEST)

** BRAZIL. 9645, Mar 23, 2016. 1036-1044, R·dio Bandeirantes, S,,o Paulo. Anns and comms; ID, website. Fair broadcast, no spur transmitter this time, 35333 (DXer - JosÈ Ronaldo Xavier (JRX), Cabedelo, PB, Brazil, Degen 1103/ Tecsun S-2000, Portable Telescopic antenna, Hard-Core-DX mailing list via DXLD)

??? No spurs ever noticed from this one. I think he means he doesn't hear a heterodyne; altho it's always 9645.4 whether or not there is anything on 9645.0 to beat against (Glenn Hauser, DXLD)

** BRAZIL. 11764.64, March 18 at 0039, very poor S3 signal, with heavy splash from 11760 RHC, but I can tell it's in Brazuguese talk, 0041 hymn, i.e. SRDA, Curitiba, as always way off-frequency to the lo side. I tune past it almost every night without bothering to log it. But I'm checking it since Mark Taylor, WI, had reported in the NASWA Flashsheet,

`11764.7, TAIWAN? Sound of Hope - tentative, 0059, 3/13/16, in Mandarin. Man and woman announcers alternating. The signal faded down or signed off before ToH, so I didn't hear an ID. I couldn't find a CNR 1 or jammer to //, so I suspect from the off frequency that I was actually listening to SoH. Fair (Taylor ñ WI)`

I then pointed out that this frequency smacked of SRDA, as reported on 11764.7 recently by Carlos GonÁalves, Portugal, but it sure wouldn't be in Mandarin.

`Hi Glenn, I was expecting SRDA, which was why I was surprised by Mandarin. Mark`

Aoki does show 11765 as a 0.1 kW SOH nuisance frequency, and these itsy-bitsies are rarely spot-on. Anyhow, tonight there is no sign for me of SOH or a jammer, and nothing on 11765. Recheck at 0201, RHC is off 11760, and Brazuguese audible on 11764.63 (Glenn Hauser, OK, DX LISTENING DIGEST)

** BRAZIL. 11925.1, Radio Bandeirantes, Sao Paulo, 2012, 19-03, now on air with live soccer matches. Weak. 13221 (Manuel MÈndez, Spain,

Enviado desde TypeApp, dxldyg via DX LISTENING DIGEST)

** BRAZIL. BRASIL, 4861.8, R. Alvorada (presumed), Londrina PR, 2212-2225, 21/3, texto; 15331. N,,o se tratou da R. Verdes Florestas.

4965, R. Alvorada, Parintins AM, 2322-2323*, 17/3, an'ncio das freqs. logo seguido de fecho s'bito que certamente n,,o foi mais do que uma avaria; 35331. 4965 idem, 2233-2247, 19/3, programa de propaganda religiosa; 35332 [NB: V. of Hope, Zambia to use this frequency - gh]

9819.9, R. 9 de Julho, S,,o Paulo SP, 2237-2254, 17/3, notici·rio nacional A Voz do Brasil; 34443, QRM adjacente [Note: more recently measured on 9819.26 --- gh]

15190.2, R. Inconfid'ncia, Belo Horizonte MG, 1936-1942*, 21/3, efem'rides, conversa sobre diferentes t'picos; 35433; o tx emudeceu s'bitamente, ¢s 1942, certamente devido a qq. avaria. Em 17, 18, 19 e 20/3, o sinal nem era percept'vel, talvez merc' de aus'ncia devida a avaria. Good DX & 73, (Carlos Gonalves, SW Coast of Portugal, March 24, DX LISTENING DIGEST)

** CAMBODIA [non]. Summer A-16 of clandestine broadcasts via new FMO - RED: Voice of Khmer M'Chas Srok [frequency management organisation] 1130-1200 on 17860 TAC 100 kW / 122 deg to SEAs Khmer Thu/Sun (same in B-15) (Bulgarian DX blog March 20 via DXLD) the rest KOREA NORTH [non]

** CANADA. 1280, CJRU, ON, Toronto ñ Noted testing at various times since late January, with regular programming // webstream, inserting announcements about every 15 minutes: iThis is a test transmission of CJRU, Radio Ryerson Incorporated, on 1280 kilohertz... if you are experiencing interference, call us at 416-904-6889 or write... Suite 201, 55 Gould Street, Toronto, ON M5B 1E9... please provide your full name, contact information and the nature of the interference...î On-air target date is March 31, per station web site: iCJRU Radio volunteers at Ryerson begin preparations to turn on 1280AM on March 31, 2016 when the diverse voices of Ryerson and the local community will be shared across downtown Toronto and beyondî (Mike Brooker, Toronto ñ Grundig G5, Grundig YB-400PE, Sony SRF-39FP, C Crane CC Skywave, Panasonic RF-2200 (receiver emeritus), Domestic DX Digest-East, NRC DX News March 28 via DXLD)

** CANADA. 2749-USB, March 23 at 0248, YL voice with marine weather in English, poor in noise level. Canadian Coast Guard website shows VCS Halifax NS starts at 0240 via Sambro site with ``Radiotelephony, Technical marine synopsis, forecasts and wave height forecasts for marine areas: 201 to 214. Notices to Shipping in South Coast Nova Scotia area. Notices to Shipping revising the position of every reported offshore exploration and exploitation vessel`` (Glenn Hauser,

OK, DX LISTENING DIGEST)

** CANADA. RCI's own Ian McFarland - Alive and well - Photo on the DXer.ca homepage from this weekend - Lunch with Ian McFarland (his wife Mary...), Walter Salmaniw and his wife Wanda and Andrea and I.

Photo of the boys at DXer.ca

2 out of 3 DX Legends! DXer Dr. Walter Salmaniw at the left, CBC RCI and NHK Broadcaster Ian McFarland in the middle and yours truly in right hand lane! We all had lunch this weekend with our lovely wives in Duncan, British Columbia.

<http://www.dxer.ca/images/stories/2016/Salmaniw-McFarland-Newell.jpg>

-- (Colin Newell - Editor and creator *of *Coffeecrew.com

<<http://www.Coffeecrew.com>> and DXer.ca <<http://www.DXer.ca>> -

VA7WWV | Twitter @CoffeeCrew | Victoria - Canada

March 21, Hard-Core-DX mailing list via DXLD)

** CANADA. Money for the CBC --- The new budget apparently is to bring 675 million new dollars to Elizabeth, Her Majesty, the Queen of Canada for Her Majesty's broadcast network, a.k.a. the CBC. How much will it cost to build a new SW transmitter or two? (Bill Leal, VE3ES, Windsor [Ont?], March 22, ODXA yg via DXLD)

** CANADA. FM channel allocations: see MEXICO [and non]

** CHAD. Log: unID 6165, 1900 Ansage frz., Radio Nationale Tchadienne? Ab 1845 und aktuell noch laufend, nichts gelistet. Zur vollen Stunde erst ein Trommeln dann Ansage franz^esisch von einem murmelnden Herrn, aber aufler "Madames et Messieurs" und vielleicht "je m'appelle" absolut nix zu verstehen. Kⁿnnte also noch ein spannender Abend werden ;-) 73 (thorsten hallmann, deutschland, 1908 UT 19 M^erzt, A-DX)

Log: Unid 6165, 1900 Ann French, Radio Nationale Tchadienne? caught at 1845 and still there, nothing listed at all. At the top of the hour, a kind of drum signal, then announcement in French by a mumbling male. Nothing to make out of it but "Mesdames et Messieurs" and probably "je m'appelle". Sounds interesting, but much sideband QRM makes it difficult to get any details from the news currently read. Before 1900, I suspected the language I heard to be Arabic. 73 (thorsten hallmann, Germany, March 19, dxldyg via WORLD OF RADIO 1818, DX LISTENING DIGEST) His own translation

Hi Thorsten, The following might be of interest. "On March 20, the continent of Africa has its very own Super Sunday, with five countries and one semi-autonomous archipelago holding polls over a single day that promises color, drama and possibly violence.

People will go to the polls in Republic of Congo to elect their president, while run-off polls between the two leading candidates in both Niger and Benin will also take place. A controversial election rerun is taking place on the holiday destination of Zanzibar, just off Tanzania's east coast, while Senegalese voters will decide whether to reduce the length of presidential terms. Finally, the tiny islands of Cape Verde are holding parliamentary elections." Full story at <http://goo.gl/7HDDGp>
(Newsweek via Ron Howard, *ibid.*)

I checked with the U. Twente SDR website just after 2000 and heard a weak signal on 6165 kHz in French which suddenly disappeared at 2005.
(March 19, 2016)- (Bruce (NY, USA), *ibid.*)

Sign-off at 2005. All the time French talk only, understood "vigilance" and "terroristes", talk about various candidates of elections. Various speakers in "clean French", but some of them "African-accented" nevertheless. First round of presidential elections in Chad is planned for April 10. 73 (thorsten hallmann, *ibid.*)

6165, March 20 at 0535, I'm checking again for Chad, and I do believe it is back on SW! Unusually, RHC English has CCI in the form of a fast SAH or a LAH, i.e. rapid flutter maybe 20 Hz apart. At 0542 I can make out some talk under RHC soft music at the moment, sounds like YL in French. Both signals seem slightly on the lo side, RHC maybe 6164.985 or so. At 0601.5, RHC carrier cuts off briefly, back on with dead air for a moment before resuming, but nothing identifiable from the other station; by 0627 it's weakening and 0640 hear only RHC. Sunrise in Ndjamena was 0504 UT; at 12 degrees north it varies only about half an hour during the year. (See my previous log under CUBA when 6165 before *0047 had no Chad.) This all results from earlier reports March 19. See also CONGO! (Glenn Hauser, OK, WORLD OF RADIO 1818, DX LISTENING DIGEST)

CHAD, 6165 kHz channel is still covered by CRI at 17 UT, now English from 500 kW beast outlet at Beijing - til still 1757 UT. 6164.958 But on remote SDR unit in Doha Qatar, adjacent some 42 Hertz lower side, a rather strong string visible on becoming dark line path, from probably Rdif. Nationale Tchadienne, Gredia, N'Djamea, French / Arabic program. Heard on March 20 at 1712 UT. Widely reported last night on March 19; and noted also this morning at 0753 UT on March 20. Probably extended broadcasts due of coming election in April? (Wolfgang B,schel, dxldyg via DX LISTENING DIGEST)

{tentatively?} 6164.959, Probably Rdif. Nationale Tchadienne, Gredia, NiDjamEa, French program. Widely reported last night on March 19. Probably extended broadcasts due of coming election in April? Noted at 0753 UT on March 20. [selected SDR options, span 12.5 kHz RBW 15.3

Hertz] 73 wb df5sx (Wolfgang B,schel, dxld yg via DX LISTENING DIGEST)

6165 is empty in Jo'burg at 1759 - 1804, nothing heard, but there is a weak carrier there and it does seem a bit low in frequency (Bill Bingham, Johannesburg RSA. Drake R8E, Sony ICF2001D, March 20, dxldyg via DX LISTENING DIGEST)

CHAD At 19 UT Rdif. Nationale Tchadienne, Gredia, N'Djamena some 2 Hertz up, now accurate on 6164.960 kHz - heard at 19 UT on various remote units in eastern Thailand, Doha Qatar, Greece and southern Italy. Nothing on 4904v 73 wb df5sx (Wolfgang B,schel, ibid.)

6165 still has nothing but a very weak and slightly low frequency carrier as of 1920 UT in Jo'burg. Maybe propagation just isn't in my favour right now. I recall in the good old days pre mid-2012y Chad (when occasionally on-air!) used to give a lot of QRM and a quite strong het against the now gone (and sorely missed) Zambian, ZNBC2, which was also on 6165 (Bill Bingham, RSA, ibid.)

Chad has reactivated their shortwave frequency 6165 kHz. Heard yesterday until 2000. <http://www.onrtv.td/fr/>
(Mauno Ritola, WRTH - WRTv Handbook Facebook Group, 20 March, via Pennington, BDXC-UK yg via DXLD))

I tuned into 6165 kHz around 1915 UT this evening (21 [sic] March) but nothing heard at first. However, at 2002 weak African music heard then DJ in French, though too weak to copy what he was saying. Frequency slightly under 6165 at 6164.96. Still audible but still weak at 2030 (occasional songs plus male announcer in French). Is this Chad? Transmitter went off at exactly 2100.

British DX Club's 'Africa on Shortwave' says 6165 kHz has not been reported since October 2013
<http://www.bdx.org.uk/africa.pdf>
(Alan Pennington, March 20, BDXC-UK yg via DXLD)

6165, March 21 at 0537, JBA carrier under RHC, detectable with BF0, and in AM, rapid SAH surges during RHC fades; presumed reactivated RNT again. During DST I am not voluntarily awake as late as 0700 UT when RHC closes, and Chad would likely have faded out by then anyway, two hours after local sunrise. Or maybe not: Wolfgang B,schel says it was still audible on the Qatar SDR at 0753 March 20, and he measured it that way on 6164.958 at 1712 March 20; by 1900 it was up to 6164.960 (Glenn Hauser, OK, WORLD OF RADIO 1818, DX LISTENING DIGEST)

6165-, March 22 at 0525, RHC with definite LAH slightly on the lo side, from reactivated RNT (Glenn Hauser, OK, DX LISTENING DIGEST)

[and non]. 6164.9585, Rdif. Nationale Tchadienne, Gredia, N'Djamena, and co-channel 6164.999 CUBA Radio Habana Cuba too, S=9+10dB, but heterodyne whistle / buzz tone too [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang B, schel, morning log of 49 mb at southern Germany at 0559-0720 UT, March 22, dxldyg via WORLD OF RADIO 1818, DX LISTENING DIGEST)

6165-, March 23 at 0539, a roar and LAH against RHC with Arnie Coro, i.e. RNT. 24 hours later, March 24 at 0522 check, the usual LAH again audible --- but not a semihour later; did it go off? (Glenn Hauser, OK, WORLD OF RADIO 1818, DX LISTENING DIGEST)

** CHINA. 5905, CRI jamming of THAILAND BBC's English language transmission at 2315, on 18 Mar. A male announcer is talking in Chinese followed by a female speaker. A musical interlude came on followed by more talk. There is also pulse jamming being heard on this frequency. Fair (John Cooper, Lebanon, PA. Equipment: Winradio-G33DDC, CommRadio CR-1a, SDR-IQ, GAP-Hear It-In Line Module, Wellbrook ALA-1530S+, Wellbrook ALA1530LNPro, NASWA Flashsheet March 20 via DXLD)

So we can add the BBC to the list of western broadcasters that the Chinese don't like being heard in their country ñ (Mark Coady, ed., ODXA YRX via DXLD)

?? No, ``we`` added BBC English jammed by China to the list a few years go when it started (Glenn Hauser, DXLD)

9860, Firedragon [Chinese music jammer] 1708+ 20 March. Banging away v. [unheard] RFA's 17-20 Chinese transmission (Dan Sheedy, Moonlight Beach CA, E5/6m X wire, DX LISTENING DIGEST)

** CHINA [and non]. 4749.992, CNR1 supposedly -, noted at 1035 UT before local sunset, poor and tiny S=4 or -103dBm strength, according to DSWCI TBS: "Zhongyang Renmin Guangbo Diantai, Zhongguo Menggu zhi Sheng, China National Radio, Hailar, Nei Menggu, China" but at 1315 UT heard also co-channel adjacent 4749.9485, INDONESIA, RRI Makassar, Propinsi Sulawesi Selatan, S=4 -97dBm [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang B, schel, log of monitoring on remote SDR unit located in eastern Thailand, March 17 at 1030-1330 UT, dxldyg via DX LISTENING DIGEST)

** CHINA. 5910, March 17 at 1150, English talk going into Chinese, so CRI; except scheduled at 1130 is Filipino, from Beijing site. Filipino also lapses into/mixes in English (Glenn Hauser, OK, DX LISTENING DIGEST)

** CHINA. 6200, Voice of Jinling, *1236-1237* & *1237, March 21. Before 1236 Xizang PBS via Lhasa was doing well, but totally covered

by strong VOJ's normal double sign on; very distinctive (Ron Howard, Asilomar State Beach, CA, Etûn E1, antenna: 100' long wire, dxldyg via DX LISTENING DIGEST)

** CHINA. The author: ru border. Reception Location: Saratov ...

Xinjiang PBS / 3990 kHz / 17.03.2016 0000 / e-QSL / CRI have ended budget :) --- Thank you for your reception reports and picture. We are sorry we can not send QSL card and sticker by post since we cut down budget. Though we have not e-QSL card, we send you a verification as follows. / yinglian@cri.com.cn (Russian SWL / DX site - www.dxing.ru via RusDX March 20 via DXLD)

I.e. CRI Beijing HQ as proxy for regional (even EAST TURKISTAN) PBS stations can't issue hard or soft QSL cards any more. Why should HQ ever? Did they ever really check out the program content for such reports to be sure they were correct? How much more valuable would be such a QSL if it were obtained direct (Glenn Hauser, DXLD)

** COLOMBIA [and non]. SAVERIO DE CIAN SEDICO BELLUNO VENETO DX
Ciao! invio un log appena completato 27 febbraio scorso, una mattinata dioro con segnali prevalenti dalla Colombia. Importante la collaborazione di Valter Comuzzi di Udine. Buona SETTIMANA Saverio

600, 0549- CUB R Rebelde, Urbano Noris-San Germ·n-SS ann, ID "Rebelde" //1620 24432
750, 0539- CLM HJDK Caracol, Medellin-SS ID "Caracol" //1280 24432
770, 0531- CLM HJJX RCN La R FM 93.9, Bogot· D. C.-SS ID "RCN" 34433
820, 0539- CLM HJED Caracol Colombia, Cali-SS ID "Caracol" //1280 23432
830, 0528- CLM HJDM Q'hubo R, Medellin-SS mx, ID 23432
850, 0500- CLM HJKC Candela AM, Bogot· D. C.-SS ID "esta es Candela" 34433
860, 0427- VEN YVOL Mundial 8-60, San Cristóbal-SS ID "Radio Mundial" 23432
880, 0539- CLM HJGE, Bucaramanga-SS ID "Caracol" //1280 33433
+"Caracol" 23432
910, 0500- CLM HJDO, Medellin-SS ID "Medellin" 23432
930, 0457- CLM HJCS La Voz de Bogot· (Todelar), Bogot·-SS ID "La Voz de Bogot·" 33433
940, 0459- CLM HJTL RCN, C·cuta-SS news, mx, ID "RCN" 33433
970, 0456- CLM HJCI R Red, Bogot· D. C.-SS ID "Radio Red, Radio Red, Radio Red" 32432
1020, 0439- CLM HJFQ La Cariñosa, Pereira-SS mx, ID "La Cariñosa" 23432
1020, 0532- CLM HJFQ, Pereira-SS mx, ID "Pereira" 23432
1030, 0401- CLM HJDJ La Cariñosa, Duitama-SS mx, ID "La Cariñosa Duitama 1030 AM" 33433

1040, 0419- CLM HJCJ Colmundo, Bogot· D. C.-SS mx, ann, ID "Colmundo" 34433
 1070, 0359- CLM HJCG R Santa Fe, Bogot· D. C.-SS mx, ann, ID "Radio Santa Fe, Q'hubo Radio 1070 AM" 44444
 1090, 0459- CLM HJBC R Caracol, C'cuta-ID "Caracol Radio" 33433
 1100, 0429- CLM HJCN BBN, Bogot· D. C.-ID "BBN" 23432
 1120, 0432- CLM HJKQ BÈsame, Tunja-SS mx, ID "Caracol Radio" 23432
 1120, 0417- CLM HJTI, C'cuta-SS rlg program, ID "Emisora Vox Dei" 22432
 1160, 0431- CLM HJOC Fuego AM, Bogot·-SS mx, ID "Fuego AM" 33433
 1190, 0456- CLM HJCV R Cordillera, Bogot· D. C.-SS ID "Radio Cordillera 1190 AM" 34433
 1200, 0455- CLM HJIJ La Voz de la Raza, Medellìn-SS ID "La Voz de la Raza 33433
 1200, 0500- CLM HJGC RCN, Sogamoso-SS ann, ID "RCN" 23432
 1250, 0500- CLM HJCA Capital R, Mosquera-Estado SÚlido S-SS tlk, ann, ID "Capital Radio"
 1270, 0544- CLM HJAR La Cariòosa, Antena 2, Cartagena-SS mx, ID "La Cariòosa" 33433
 1280, 0501- CLM HJLR Caracol Colombia, Pasto-SS ID "Caracol Radio" 33433
 1280, 0435- CLM HJKN R /nica, Bogot· D. C.-SS mx, ID "Aviva 2" 33433
 1320, 0430- VEN YVWP R Apolo, Turmero-SS mx, ID "Radio Apolo" 23422
 1340, 0459- CLM HJFB R Amor, Bogot· D. C.-SS mx, ID "Bogot·" 33433
 1350, 0545- PNR HOZ38 BBN Panam·, Rio Abajo-Via Cincuent [sic] -SS mx, ID "BBN" 23432
 1350, 0459- CLM HJDS R Ondas de la Montaòa, Medellìn-ID "Ondas de la Montaòa" 22422
 1350, 0452- CLM HJHL Oxìgeno, IbaguÈ-SS mx, ID "Oxìgeno Radio" 32432
 1360, 0450- CLM HJTU R Oxìgeno, Cartagena-SS px mx, ID "Oxìgeno 1360 AM" 23432
 1370, 0458- CLM HJBO R Minuto de Dios, Barranquilla-SS rlg program, ID "Minuto de Dios" 33433
 1380, 0331- PRU OCY4U R Nuevo Tiempo, Lima-SS mx, ID "Radio Nuevo Tiempo" 33433
 1390, 0459- CLM HJZY LV de la Misericordia, Bucaramanga-SS rlg program, ID "Radio Marìa" 23432
 1400, 0432- CLM HJKM Emisora Mariana-R Multicultural, Bo-SS rlg program, ID "Emisora Mariana 1400 AM" 23432
 1430, 0432- CLM HJKU R 1430 AM, Bogot· D. C.-SS ID "Uniminuto" 33433
 1440, 0433- CLM HJGM, Sogamoso-SS ID "Antena 2 Bogot·, Colombia" 23432
 1450, 0446- CLM HJNL La Cariòosa, Manizales-SS mx, ID "La Cariòosa" 33433
 1460, 0443- CLM HJJW R Nuevo Continente, Bogot· D. C.-SS ID "Nuevo Continente" 23432
 1470, 0436- CLM HJTB Ondas de IbaguÈ (R Marìa), IbaguÈ-SS rlg program, "Attende Domine", ID "Radio Marìa" 33433

1480, 0435- CLM HJTZ RCN Antena 2, Bucaramanga-SS news, mx, ID "Antena 2" 23432
1490, 0521- CLM HJBS R Punto 5, Bogot· D. C.-SS ID "Punto Cinco 1490 AM" 23432
1500, 0513- CLM HJUW R Mariã - La Onda de Dios, Manizales-SS rlg program, Rosary in Latin 23432
1520, 0549- CLM HJLI R Libertad, Bogot· D. C.-SS mx, ID "Su Presencia" 33433
1620, 0549- CUB R Rebelde-SS mx, news, ann, ID iRebeldeî 43433
73s Saverio (de Cian, Italy, PLAY-DX 1674 electronic 21 Marzo 2016
Page 14-15 via DXLD)

What a haul on a single morning; with SDR help? (gh)

** COLOMBIA. 6010.140, Colombia music, hopping unstable 3-5 Hertz up and down [selected SDR options, span 12.5 kHz RBW 15.3 Hertz]

Nothing heard of CLM Colombia co-channel 5910v kHz, this morning.
[selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang B,schel, morning log of 49 mb at southern Germany at 0559-0720 UT, March 22, dxldyg via DX LISTENING DIGEST)

** CONGO [and non]. Hi Thorsten, The following might be of interest.

"On March 20, the continent of Africa has its very own Super Sunday, with five countries and one semi-autonomous archipelago holding polls over a single day that promises color, drama and possibly violence.

People will go to the polls in Republic of Congo to elect their president, while run-off polls between the two leading candidates in both Niger and Benin will also take place. A controversial election rerun is taking place on the holiday destination of Zanzibar, just off Tanzania's east coast, while Senegalese voters will decide whether to reduce the length of presidential terms. Finally, the tiny islands of Cape Verde are holding parliamentary elections." Full story at <http://goo.gl/7HDDGp>
(Ron Howard, CA, March 19, dxldyg via DX LISTENING DIGEST)

** CONGO. 6115, March 20 at 0547, very poor S7 signal; commonly audible a sesquihour later, but too early to be JOZ as it's only 1447 JST now. And it's in French, along with some music, 0548 song with mbira. At 0555 in French at S6. Could it be some major international broadcaster? No, none scheduled, but 6115 is the frequency of Radio Congo, Brazzaville, extremely rare in North America due to its habitual SW schedule of only a couple hours in the local evening. Aoki however shows the sked as 0600-1900. WRTN 2016 agrees, as irregular, altho the national network starts at 0420. Sunrise in Brazzaville was 0503, and at -4 degrees latitude it varies only a few minutes over the

year. In reply to the CHAD reactivation on 6165, which I had also just heard under Cuba, Ron Howard had the explanation from this Newsweek story: <http://goo.gl/7HDDGp> --- March 20 is election day in a number of African countries: Zanzibar, Senegal, Niger, Benin, Cabo Verde and Congo. So the morning SW broadcast may be very short-lived (Glenn Hauser, OK, WORLD OF RADIO 1818, DX LISTENING DIGEST)

6115, Radio Congo, Brazzaville, 0554-0610, 20-03, extended program, French, comments, mentioned "Congo". 14321 (Manuel M  ndez, Lugo, Spain, Logs in Friol and Lugo, Tecsun PL-880, Sangean ATS-909X, Sony ICF SW7600G, Cable antenna, 8 meters, dxldyg via DX LISTENING DIGEST)

6115, Radio Congo, now on air with extended program, 0602, 20-03, French comments, ID "Radio Congo". Weak. Enviado desde TypeApp (Manuel M  ndez, Spain, dxldyg via DX LISTENING DIGEST)

I traced a carrier on 6115 via Twente SDR at 1700 for the first time, certainly Radio Congo broadcasting here, but was gone already by 1803 (March 20). Recent sign-offs included also "traditional" 1825 and 1858, so this seems to be quite variable. And it is certainly not daily in the evenings. 73 (Thorsten Hallmann, M  nster, Germany, March 20, (recently updated:)

<http://www.muenster.org/uwz/ms-alt/africalist>
dxldyg via DX LISTENING DIGEST)

6115.00, 1745-1758* 20.3, R Congo, Brazzaville. Nonstop Afropop, abrupt carrier s/off. No French news at 1800, 34433, Sideband splashes. Best 73, (Anker Petersen, Denmark, my latest loggings from Skovlunde heard on the AOR AR7030PLUS, with 28 metres of longwire, via Dario Monferini, playdx yg via DXLD)

6115, March 21 at 0539, JBA carrier with trace of modulation, presumed R. Congo again. Following my report 24 hours earlier, Ralph Perry replied: ``Hi Glenn: Actually, 6115 Brazzaville is sporadically on the air in the 0600+ slot. Probably a regularly scheduled xmsn, just not heard quite 'regularly'. Don't need a special sked for this one as I've heard them several times in the past six months with a mediocre signal but certainly them, African music and French announcements. Signal strength was not bad but way under modulated, similar to what you had. Best wishes and 73 Ralph``

Maybe due to election, they are now on before 0600, the earlier the better for us. On the other hand, Ron Howard in California says,

``JAPAN. 6115, "RN2," 0518, March 21. Checking for Congo, but surprised to find this instead, as I didn't think I could hear them this early; started very poor; able to make out some pop hit songs from the 50s; 0600 clear "RN2" ID``.

I know the 6115 station I heard first on March 20 was in French, with African music. Even that will not totally rule out Radio Nikkei which is occasionally in French lessons, and eclectic in music. To be positive, must check // 9760 for RN2 (Glenn Hauser, OK, DX LISTENING DIGEST)

6115, March 22 at 0525, 0540, no signal, so neither R. Congo nor possible RN2 Japan can be confirmed, no 9760 either in degraded propagation; yet CHAD is making it on 6165 under Cuba. K-index at 06 was 2, but solar flux for March 21 was 89, almost as low as it ever goes (Glenn Hauser, OK, DX LISTENING DIGEST)

[and non]. 6115.0, March 23 at 0540, JBA carrier, could be Brazzaville or Tokyo; right on frequency like 9760.0 equally weak, the other RN2 frequency (Glenn Hauser, OK, WORLD OF RADIO 1818, DX LISTENING DIGEST)

My reception here on March 21 was completely all "RN2" (Japan), from 0518 till clear ID at 0600, with no hint of Radio Congo.

March 23, completely different propagation; fairly decent reception; clear "Radio Congo" ID, with xylophone(?) before and after ID; only after about 0550 was there any sign of "RN2" far underneath. Radio Congo really dominated the frequency!

My audio (poor quality), starting with ID, at <https://goo.gl/CEqe64>

Rather pleased to hear this one with a solid ID (Ron Howard, Asilomar State Beach, CA, EtŮn E1, antenna: 100' long wire, dxldyg via WORLD OF RADIO 1818, DX LISTENING DIGEST)

Radio Congo ??? 6115, Brazzaville ???, Mar 23, 2016, Wednesday. 1724-1750. Football match in French. Poor. Jo'burg sunset 1615 (Bill Bingham, Johannesburg RSA. Drake R8E, Sony ICF2001D, dxldyg via DX LISTENING DIGEST)

** CONGO DR. 5066.43 Radio-Tele Candip, Bunia, Congo March 20, 2016 5066.43 Radio-Tele Candip, Bunia, Congo is audible right now 1956 UT on this frequency. Listening via Twente sdr (Bruce (NY, USA), dxldyg via DX LISTENING DIGEST)

** CUBA [and non]. 980, CUBA, Radio Reloj, Moa, HolguĚn. 1041 March 18, 2016. Under COCO.

980, CUBA, COCO, El Sapo, Ciudad de la Habana. 1550 March 20, 2016. Cuban soft rock, female, "Esta es la Co-co... la Habana" at 1559, back to vocals. Slight WRNE, Gulf Breeze, FL present.

980, FLORIDA, WRNE, Gulf Breeze. 1516 March 20, 2016. Redneck white preacher up to 1600, no ID, into black female preacher. Some COCO, Cuba unavoidable and frankly, far preferred.

1060, CUBA, 1108 March 18, 2016. Suspect Cuba, as pointing N/S, and if so presumably the only one on 1060, Radio Veintiséis, with bad constant buzz/grinding noise (Terry L Krueger, Clearwater FL, DX LISTENING DIGEST)

** CUBA. 4765, March 18 at 0132 tune-in to no signal from R. Progreso, just in time to hear it cut on during music. Should now be starting at 0030 during DST season, until 0400. Maybe it was momentarily off (Glenn Hauser, OK, DX LISTENING DIGEST)

** CUBA. 11670, March 17 at 2023, RHC is S8 but open carrier/dead air instead of French. On March 15 I assumed they were broadcasting French at 2000-2030, having shifted it one hour earlier like English to 1900-2000. Guess not. Still dead air at 2030, while 15370 is opening in guttural Arabic.

11670, March 18 at 0047, RHC Spanish on VG signal, but undermodulated. Wiggle that patchcord?

[and non]. 15700, March 18 at 1423, CRI English relay modulation is breaking up with crackling: wiggle that patchcord.

15370, March 18 at 1431, RHC itself inbooming with music show, during ``Yo quiero despertar contigo``, racy song. // 11760 has heavy SAH, which according to Aoki would have to be Kamalabad, Iran in Bengali at 1420-1520. RHC also still on // 9640 & 9820, while 17730 & 17750 are but JBA carriers in degraded propagation.

11670, March 18 at 2014 check, RHC is managing to modulate French today at its rescheduled semihour.

5040, March 19 at 0218, RHC Spanish carrier is unstable, wobbling obvious with BFO; and without BFO, a hum. Same thing noted the night before.

6165, *0047 March 20, RHC carrier has just come on, prior to 0100 English, and 6000 is not yet on. I was checking it for Chad [q.v.], as earlier in the European evening, a French/Arabic station was being reported on 6165, possibly reactivated with pending election? Once upon a time, RNT ran 24 hours.

9580, March 20 at 0101, S9+10 CRI English relay is dead air, while much weaker S6 // 9570 via ALBANIA is in it (Glenn Hauser, OK, WORLD OF RADIO 1818, DX LISTENING DIGEST)

** CUBA. With President Obama heading to Cuba this weekend. It's is a sign that Radio Havana Cuba's days are numbered. When RHC was founded in 1961 it's mandate, which has not changed. Was to counter US broadcasts and the embargo. With the embargo being lifted and trade going between the two countries, they no longer have an enemy.

With the US embargo being lifted you're going to see a number of telecommunication companies heading to Cuba. The plan is to rebuild its communications network with high speed internet mobile communications that will even make the SW broadcast to Cuba from Marti out of date (Keith Perron, Taiwan [who worked for RHC many years ago], March 20, dxldyg via DX LISTENING DIGEST)

As a regular RHC listener, I would have to disagree. Most of RHC's fire these days is aimed at multi-national corporations and the growing neo-liberal movements to increase corporate control in Latin America. Certainly an easing of tensions with the USA will help for Cuba to soften some of its hostility but I don't see anything change in a major way until all trade sanctions are lifted (recent moves help but there is a long ways to go) and Guant·namo Bay is given back to its rightful owner, Cuba.

But it is also important to note that only about half of the English language program is political in nature, with much of the rest focusing on sports, arts, culture and hobbies. I wish more English language programming would take the eclectic approach that RHC embraces (James Matthew Branum, OK, ibid.)

James, are you willing to make a bet on this? (K[eith Perron], ibid.)

Why? I guess rather US IBB DC will cease some Latin American Spanish Radio Marti soon - like has been done on Albanian or Hungarian language services some two decades ago, - after Communism block collapse.

- but RHC La Habana will be really remain on air, is a rather multi language + MAIN Spanish cultural service program to the Spanish / Portuguese / French / Creole / Quechua audience in Central and South America, Caribbean as well. Main problems to be solved at speedy need:

Is finish this strange economical US embargo and to finish the rent contract of Guant·namo bay of YANKEE Uncle Sam era 100 years ago.
73 wb (Wolfgang B,schel, ibid.)

It should also be mentioned that recently RHC has added Italian language contents to its official web-page. This is quite unusual as Italian is the only language among those included on their website

which is not used for short-wave broadcasts. I guess that, sooner or later, they will stop broadcasting on short waves and Internet will be their sole "international service" (Antonello Napolitano, Taranto-ITALY, ibid.)

11760, Mar 20, 2016. 2312-2323, RHC, Bauta, in Spanish. De Cuba para el Mundo - Musica cubana - Un espacio dedicado a la discografía nacional: Hoy, conversando con Ernesto Peruzo. Una canción por Ernesto Peruzo; música bolero de Rigoberto y Ernesto que habla de amor; otra bonita canción que habla sobre el amor entre blancos y negros. 2345 ID, 55 Años en el próximo 1o. de mayo; 2342 programa "Escucha Conmigo" - un espacio dedicado a la música alternativa y contemporánea cubana. Very good signal and modulation, 45544 (DXer - José Ronaldo Xavier, Cabedelo - PB, Brazil, Sony ICF-SW100S Portable, Telescopic antenna, Hard-Core-DX mailing list via DXLD)

23-24 is the 'extra' hour now filled with mostly music during DST season (gh)

11840, March 20 at 1951, S9 open carrier/dead air, presumably RHC; also at 1959 on 15230, S8. President Obama is about to land for his visit. 15370 checked at 2107, RHC with a clip of Fidel in honor of RHC itself amid IS plays.

6060, March 21 at 0344, RHC music here is NOT // 6075, but turns out to be // 6000 & 6165, i.e. 6060 is on the English feed! Another frequency checked, 9535, remains Spanish // 6075 with música cubana. I have previously noticed 6060 carrying English sometime during the 01-05 UT period instead of scheduled Spanish. I'll have to put 6060? back in as a possible in DX/SWL/Media Programs. At 0402 recheck, 6060 has switched to Spanish and is much stronger, probably also a transmitter/antenna change (and 6075 has gone off).

6165, March 21 at 0414, RHC English has been talking informally about the Obama visit, but not exactly full coverage, as 0414.5 turns over to Arnie Coro for DXers Unlimited; first topic: amateur radio astronomy, EME on the 1296 MHz band. By 0537, 6165 has a detectable SAH again from presumed CHAD, q.v.

A prime time to monitor RHC is Tuesday March 22 at 1400 UT when Pres. Obama is scheduled to speak to the Cuban people, promised to be broadcast live island-wide (Glenn Hauser, OK, DX LISTENING DIGEST)

** CUBA [and non]. 11930, March 20 at 2110, Cuban jamming is unabated vs Radio Martí, as President Obama begins his visit; ditto on 9565 --- and still jammed on 13820 which is never in use at this hour; and for good measure on 9955 against WRMI's Brother Scare (Hermano Susto).

Spot check of Radio Martí, as much as I can hear it, show lots of palaver about the visit, but unseems much live from the scene, as I'm sure the Dentro-Cubanos have not facilitated that. Yet, Pres. Obama would lay a wreath at the memorial to José Martí, extremely ironic.

6030, March 21 at 0342, RM is over the jamming, bringing in via phone, an ``independent journalist`` in Cuba, Ignacio González. On other frequency 7365 at 0350 the discussion continues atop jamming level, but unabated. A different Greenville transmitter is open carrier on 7405, already warming up to take over at 0400.

13820, March 21 at 1444, RM is well over jamming, while 11930 is way under jamming. At 1948, 13820 is very good atop jamming, while 11930 is under with jamming plus variety of musical tones, but not the same-pitch rows of beeps I have heard before. 9565 is not yet on. 13820 cuts off abruptly at 2000* sharp amid constant discussion of Obama visit and Cuba; 11930 is still unusable, leaving us in the lurch.

9565 is still off until *2001:10 with carrier, but modulation not applied until 2003 with 'Obama en Cuba' reopening ``en 11-80 AM y nuestras [no citadas] frecuencias de onda corta``. Seems this was the same transmitter as on 13820 which couldn't retune any faster.

6060, March 22 at 0340, RHC back to Spanish here unlike 24 hours ago in English. 5040 at 0531 check is good in English, so presumably reliably now at 05-06 as well as 06-07?

9710, 9820, 9640, 9550, March 22 at 1328, RHC with speech by Pres. Obama in English, voiced-over in Spanish. Must be from earlier, and finished in a few minutes.

His scheduled speech to be broadcast live nationwide starts a few minutes after 1400, and this is indeed on RHC with voice-over on 15370, also past 1440 on 17750, 17730, 11760, 9820, 9640, 9550 (9710 is off now).

[non]. 13820, March 22 at 1422, R. Martí is also broadcasting Pres. Obama's speech live from Cuba, with different voice-over translation. Jamming is still going on 13820, under RM; on 11930 I hear only jamming.

It's worth noting that not a single US SW station, public or private, would broadcast his speech in original English. (It might have been on VOA, but no SW frequencies audible here at this time.) (Glenn Hauser, OK, WORLD OF RADIO 1818, DX LISTENING DIGEST)

RADIO HABANA CUBA ENGLISH SERVICE DURING THE OBAMA VISIT

It was interesting to note the degree of coverage of President Obama's recent visit to Cuba during the English language broadcasts of Radio Habana. As most North American SW listeners know, Radio Habana is on all night in English on 6000 kHz (and 6165 kHz, I believe) between 0100 and 0700 UT (as well as on some other frequencies for shorter periods of time). The daily broadcast is only one-hour long, so we have six repeats one after the other during the evening and overnight. This allows listeners from across North America to tune in at their convenience. Coincidentally, six is also the number of time zones we have in Canada (although Newfoundland is a 1/2-hour-offset time zone; the U.S. has nine if we include the Pacific territories).

There is a brief interval signal just before the first broadcast but no IS between the broadcast repeats. For the Monday (21st) and Tuesday (22nd) local-time broadcasts, the news bulletins had extended reports on the activities associated with the visit and there were additional special items on the visit although the regular features like "Focus on Africa," "Arts Roundup," and "DXers Unlimited" were still aired.

Signal quality was fairly good on 6000 kHz here in NB on both days although there was a slight bit of transmitter hum and modulation wasn't always perfect. At times during the first two hours, co-channel QRM from Turkey was noted despite their signal being beamed towards the east. On the 21st (actually the 22nd in UT), the transmitter came up at least a couple of minutes before 0100 UT with the IS beginning just a few seconds before 0100.

At the conclusion of the final repeat at 0659:54 UT, the audio switched to the Spanish service of Radio Habana and continued until transmitter switch-off about 13 minutes later. Didn't catch the first broadcast on the 22nd (the 23rd UT), so missed the sign-on. The final repeat was interrupted some seconds before the end of the English broadcast with a switch to Spanish for about five seconds before the transmitter was switched off at 0659:52 UT. So, at least for these two days, Radio Habana was a little sloppy with the ends of the transmissions.

The broadcasts on the two days were recorded and parts will be archived. I note that Thomas Witherspoon has placed a recording of the live coverage in Spanish of the Obama/Castro press conference on Monday starting at around 1800 UT on 11670 kHz, which was followed by the English language broadcast:

<http://shortwavearchive.com/archive/radio-havana-cuba>
(Richard Langley, dxldyg via DXLD)

** CUBA [non]. WITH A THAW IN US-CUBA RELATIONS, THIS COLD WAR
BROADCASTER FROM MIAMI IS AT A CROSSROADS
PRI's The World March 22, 2016 By Jason Margolis

On first impression, Radio and TV Martí looks and feels pretty much like any other newsroom. Emilio Vazquez shows me around, and we stop and watch two radio broadcasters behind a thick pane of glass.

iWe have a morning show known as 'El Revoltillo,' which is like an on-air swap market type of show, where people call in and offer different products and services for sale on island,' says Vazquez.

But here's what's different about this call-in show: It's illegal for its listeners to call in, or even to listen. That is, if they even can. The Cuban government tries to jam broadcast signals coming from Florida. Vazquez said they're always trying to stay one step ahead.

iWe have various methods of transmission. We have medium-wave transmission on AM frequency, we have our short-wave transmissions as well.' Those change frequencies throughout the course of the day.

Radio and TV Martí has been delivering news and information to Cuba since 1985, an intense period of the Cold War. The Cuban American National Foundation, a powerful lobbying group of Cuban exiles in Miami, helped persuade the Reagan Administration to create the stations, which fall under the Broadcasting Board of Governors, a US government agency.

Vazquez starts to tell me some other distribution tricks when we run into his boss, Malule González, the director of the Office of Cuba Broadcasting, the official name for Radio and TV Martí. On the way up to her office, we stop for shots of hyper-potent Cuban coffees.

More here:

With a thaw in US-Cuba relations, this Cold War broadcaster from Miami is at a crossroads

[illustrated, and 5:29 audio link of which this is the transcript;]

<http://www.pri.org/stories/2016-03-22/thaw-us-cuba-relations-cold-war-broadcaster-miami-crossroads>

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In her office, González, who started her job in December 2015, tells me more about how their television content gets out in Cuba. On the island, vendors on the street sell what's called *el Paquete*, thumb drives or DVDs with movies, music or videos.

We have our own paquete. We create our own distribution of DVDs, says González. *We have our ways, yeah. We have more ways than that one. But there are many things you don't reveal because [the Cuban government] monitor everything that we do or say. I'm not going to give them all away. It's just like the magician who never reveals the tricks, no?*

Television anchor Karen Caballero works with an editor at Television Martí. Credit: Jason Margolis [caption]

The Martí's currently hand out about 16,000 paquetes a month, for free, in Cuba. González is confident their shows are being seen. But she has no way to prove it. Nobody does *ó* there aren't Nielsen ratings. The Castro regime, which reviles the Martí's, has done everything to try and prevent its growth. Past surveys suggest the audience for the Martí's is quite small, perhaps as low as 2 percent of the island.

But anecdotal evidence suggests otherwise.

Uva de Argaún is a retired professor who was also a commentator for about 15 years on Radio Martí. She told me about a time she got in a cab in Havana in the late 90s.

This taxi driver was amazing because he heard me talk to my sister and he said, "Excuse me that I ask you, but do you talk in a radio show?" And I said yes. And he said, "Do you talk on Radio Martí?" And I said yes. He said, "Is your name Uva de Argaún?" I almost ... It was my second day in Havana after 40 years!

That was a while ago though. It's a much different world today in Cuba.

Cuba is now able to access the Internet more freely than it did just a year ago. Telecommunications is penetrating Cuba much more quickly than people expected," says Eduardo Gamarra, a professor of Latin American politics at Florida International University. "But it is also true that Cubans still don't have free access to global information."

In fact, by some estimates only 5 percent of Cubans actually have access to the Internet.

Still, critics of the Marti's question if Cubans are getting the best information from the government news agency. They call the programming one-dimensional, conservative and a mouthpiece of American policy. Gamarra says he is staunchly disagreed with many editorials broadcast by the Marti's over the years.

"But I think the criticism of them, that because they're conservative, they're not good journalists, doesn't follow. They still have some value," says Gamarra. "I think [the Marti's] has an expiration date though."

As part of the US government, Radio and TV Marti works out of large compound in Miami fortified by barbed wire, guards, and airport-type screening.

As part of the US government, Radio and TV Marti works out of large compound in Miami fortified by barbed wire, guards, and airport-type screening. Credit: Jason Margolis [caption]

When that expiration date should be is the big question. With a thaw in US-Cuba relations, some say the time is now. Democratic Congresswoman Betty McCollum of Minnesota introduced a bill to end the Marti's. It is called the: "Stop Wasting Taxpayer Money on Cuba Broadcasting Act." The Marti's cost US taxpayers \$27 million a year.

President Barack Obama wants to turn the Marti's into an independent non-profit, but still funded by the government. It would be called a "grantee."

Many conservatives say that would weaken the government's commitment, and that the Marti's still provide an invaluable service exposing human rights abuses in Cuba.

Malule Gonzalez says her operation is more important than ever, even with President Obama on the island today. "Don't be confused by people shaking hands, that doesn't mean that the Cuban people have any freedom," says Gonzalez.

To stay relevant, the Marti's are also undergoing a transformation. To cover the president's visit to Cuba, they're using a small group of

Cuban citizen journalists, secretly sending reports from Cuba to Miami. Their stories are then beamed back to the island.

González is also working with commercial news organizations, sharing content produced by the Martí for distribution in the US.

But she says if the day comes when Radio and TV Martí are in fact no longer needed as a news source for Cubans, still a distant if, she'll be happy to shut things down.

So, if we're out of a job, well, then I'll call you and send my résumé," says González jokingly. "Out of a job, but celebrating."
(via Mike Terry, dxldyg via DXLD)

**** CZECHOSLOVAKIA [and non]. UNDERGROUND AGENTS AND PLOTS IN THE COLD WAR BROADCASTING WAR --- Radio Prague By Chris Johnstone 19 March 2106**

In this week's Czech History we look at one aspect of the Cold War, the use of secret agents to spy on and disrupt the enemy's propaganda services. In particular, we focus on the circus that surrounded the return of a Czechoslovak double agent Pavel Minářik 40 years ago in 1976 which was aimed at discrediting the US financed and Munich-based broadcaster Radio Free Europe.

Radio Free Europe started its services in 1950 with the first broadcasts to Czechoslovakia. The full service was up and running in 1951. It quickly gathered a team of broadcasters, overwhelmingly anti-Communist exiles and also possessed an impressive information collecting network on the other side of the Iron Curtain. It was such an irritant that the Communist regime quickly developed its jamming services to block the transmissions. Historian at Prague's Military History Institute and the author of a book about Radio Free Europe, Prokop Tomek takes up the story.

He had a fairly low grade, he was just an announcer, and did not have the possibility of influencing the programmes day to day or intervening in any other ways.

The State Security Service (StB) overwhelmingly wanted to target the exile movement abroad and also to discredit them in the eyes of the Czechoslovak public at home and also to attack Radio Free Europe because the broadcaster was a sort of particular enemy and symbol of opposition for the Czechoslovak regime.

In the 1950s, the Czechoslovak secret service managed to infiltrate Radio Free Europe with agents. There was even a failed attempt to poison staff of the Czech and Slovak sections with poison in the canteen salt cellars in 1959. But to some extent, Prague's efforts

were outclassed by those of the Polish Communist Secret Service. They sent an agent who functioned for six years before returning to Warsaw in 1971 in a blaze of publicity embarrassing the Western broadcaster and US government. Later than the Poles, the Czechoslovak secret service adopted similar plans.

More of this interesting article with photos and audio clip here:
<http://www.radio.cz/en/section/czech-history/underground-agents-and-plots-in-the-cold-war-broadcasting-war>

Posted by: (Mike Terry, March 22, dxldyg via DXLD)

** DOMINICAN REPUBLIC. Different callsign versions --- I found out that there are different calls published for stations in Dominican Republic. For example:

1430 kHz Radio Emanuel
WRTH 2016: HIC54
MW LIST : HIJC

Why is it different? And what is correct? Thanks, (Karel Honzík, Czechia, MWCircle yg via DXLD)

Hi Karel, the four letter callsigns are the old ones. The actual callsigns assigned by INDOTEL (the Dominican Telecom Authority) are those with letters and numbers. As INDOTEL seems not to enforce the use of the new ones, many stations still use their beloved c/s, that is: the historic ones with four letters! 73! (Mauricio Molano, Salamanca, ESPA-A - SPAIN, March 19, mwdx yg via DXLD)

Mauricio Molano of Spain recently answered my question why there are two versions of callsigns of stations from Dominican Republic. For example: 1430 kHz Radio Emanuel is listed with HIJC and HIC54. The 4-letter callsigns are not valid anymore, correct are the new ones with letters and numbers (as listed in WRTH). So Radio Emanuel is in fact HIC54 (Karel Honzik, MWCircle yg via DXLD)

1440, Radio Impactante is still using HIAK (Andrew Brade, ibid.)

** DOMINICAN REPUBLIC. [See 16-11, U S A [and non]: 1440 entry, query by Terry Krueger:]

Glenn, To answer Terry Krueger's question about 1330 in Santo Domingo, read the "engineering" statement (really a pleading about procedure that isn't actually engineering) in the most recent application for facility changes by WWRV, New York.

https://licensing.fcc.gov/cgi-bin/ws.exe/prod/cdbs/forms/prod/cdbsmenu.https?context=25&appn=101692326&formid=301&fac_num=54874

Scroll down to the technical section to see the exhibit arguments.
Then, you can see the Commissions' very succinct dismissal of the
application

[http://licensing.fcc.gov/cgi-bin/prod/cdbforms/prod/getimportletter_exh.cgi?
import_letter_id=64006](http://licensing.fcc.gov/cgi-bin/prod/cdbforms/prod/getimportletter_exh.cgi?import_letter_id=64006)
(Ben Dawson, WA, DX LISTENING DIGEST)

Viz. [see original for formatting and some footnotes]:

FEDERAL COMMUNICATIONS COMMISSION
445 12th STREET SW
WASHINGTON DC 20554
MEDIA BUREAU PROCESSING ENGINEER: Joe Szczesny
AUDIO DIVISION TELEPHONE: (202) 418-2700
APPLICATION STATUS: (202) 418-2730 FACSIMILE: (202) 418-1410
HOME PAGE: <http://www.fcc.gov/media/radio/audio-division>
MAIL STOP: 1800B2-JBS
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MAR 14 2016

Dr. Hector A. Chiesa, President
Radio Vision Cristiana Management
Post Office Box 2908
Paterson, NJ 07509

Re: Radio Vision Cristiana Management (RVCN)
WWRV(AM), New York, New York
Facility Identification Number: 54874
File Number: BP-20 1311 04AQW

Dear Mr. Chiesa:

This letter is in reference to (1) the above-captioned minor change application (Application),¹ filed by Radio Vision Cristiana Management (RVCN), to modify the licensed facilities of station WWRV(AM), New York, New York (WWRV), by changing the station's site and directional pattern; and (2) RVCN's October 13, 2015, amendment to the Application, filed in response to the staff's February 26, 2015, letter denying a requested waiver of Section 73.182 of the Commission's rules,² and granting RVCN additional time to amend.

A review of the Application as amended reveals that RVCN did not change its nighttime pattern to provide adequate 25 percent RSS protection to co-channel station WENA(AM), Yauco, Puerto Rico (WENA), instead choosing to submit a new 24-page amendment arguing that the application should be granted. RVCN claims that WENA currently

receives substantial interference from a station identified as HICN, 1330 kHz, Santo Domingo, Dominican Republic, and that this alleged interference masks any possible interference that the proposed WWRV facility might cause. However, the Commission has received no notification from the Dominican Republic of HICN, thus no record for that station exists in our AM engineering database. We cannot take into account interference contributions from foreign stations not currently listed as official records in the AM engineering database. Further, even if we were to
[File No. BP-20131 104AQW. 247 CFR § 73.182.]
consider the alleged interference from HICN, we would reject RVCM's argument, as the Commission does not recognize "masked" interference.³

RVCM also claims that a proposed nighttime pattern designed to protect WENA would be disfavored, as this would necessitate a facility with less power than WWRV's current 5 kW nighttime authorization, resulting in a five percent population coverage loss compared to WWRV's current licensed nighttime facility. RVCM argues that the public interest is not served by reducing WWRV's nighttime coverage when, it claims, WENA's nighttime coverage would not be affected. We find, however, that this alleged coverage loss does not justify changing the long-standing international policy regarding the exclusion of List B stations from RSS calculations.⁴

Based on the foregoing, pursuant to Section 0.283 of the Commission's rules,⁵ RVCM's request for waiver of Section 73.182 of the Commission's rules is hereby DENIED, and the Application, File No. BP-20 1311 04AQW, is hereby DISMISSED as unacceptable for filing.⁶

Sincerely, [signed]
Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau (via DXLD)

The implication seems to be that the 1330 station in the DR is a phantom, designed to further the case for improving the coverage of the base 1330 station in NYC!

This is the same gospel-huxter broadcaster which is operating KCKN 1020 Roswell NM far out of spex, i.e. 50 kW at night not protecting KDKA (Glenn Hauser, DX LISTENING DIGEST)

** ECUADOR. 6050, March 18 at 0103, S8 monotonous wailing, i.e. the native Waodani service of HCJB as scheduled 5 nights a week at 0100 per Aoki which has all the language details. WRTH spells it Waorani and puts it in the International section (Glenn Hauser, OK, DX LISTENING DIGEST)

** EGYPT. 9964.46, March 18 at 0123, R. Cairo is off-frequency to lo side for a change, only S5 and no spurs audible, nor any modulation (Glenn Hauser, OK, DX LISTENING DIGEST)

Unscheduled broadcast of Radio Cairo, March 18
1215-1222 on 9965 ABS 200 kW / 325 deg to ENAm Arabic
<http://swldxbulgaria.blogspot.bg/2016/03/unscheduled-broadcast-of-radio-cairo.html>

Strong signal and distorted audio of Radio Cairo:
1600-1800 on 15345.1 ABS 150 kW / 196 deg to CSAf English
http://swldxbulgaria.blogspot.bg/2016/03/strong-signal-and-distorted-audio-of_19.html
-- 73! (Ivo Ivanov, B`lgariya, dxldyg via DX LISTENING DIGEST) Mar 18?

9965.30, March 19 at 0148, R. Cairo is back to hi side of nominal 9965.000, S6 but dead air with slight whine, no spurs, so not bothering anyone except the Egyptian taxpayers who are not getting any value from this incredibly mismanaged station (Glenn Hauser, OK, DX LISTENING DIGEST)

9900, Mar 19, 2016. 2210-2215, Radio Cairo, Abis in English. Open carrier (S=3-4), dead air.

9965, Mar 19, 2016. 2302-2307, Radio Cairo, Abis, in English. Open carrier (S=3). dead air.

13580, Mar 19, 2016. 2204-2209, Radio Cairo, Abis, in French. OM talks; YL talks. Good signal and barely audible modulation, 45431

15290, Mar 20, 2016. 1952-1957, R. Cairo, Abu Zaabal. English. Open carrier but unlistenable. Never solve the problems of the transmitters (DXer - JosÈ Ronaldo Xavier, Cabedelo - PB, Brazil, Sony ICF-SW100S Portable, Telescopic antenna, Hard-Core-DX mailing list via DXLD)

15710, Mar 21, 2016. 2004-2009, Radio Cairo, Abis. OM talks in Hausa; short music pause. Fair signal and very distorted sound modulation, 35331 (DXer - JosÈ Ronaldo Xavier (JRX), Cabedelo - PB, Brazil, Tecsun S-2000, Portable Telescopic antenna, Hard-Core-DX mailing list via DXLD)

Radio Cairo, 9965.3, 0045 23 MAR - SINPO = 15221. language?, (no modulation detected). QSB=rapid-to-ff, noisy carrier with occasional buzzing mixing with noise floor. sf87.3 a7, k1, geomag: very quiet. 250kw, beamAz 235 , bearing 29 . Sangean ATS505 w/Sony AN-LP1 active loop in west facing window. Received at Las Vegas, United States, 11738KM from transmitter at Abis. Local time: 1745 (Rodney Johnson, NV, dxldyg via DX LISTENING DIGEST)

9965.332, March 23 at 0239, R. Cairo is open carrier/dead air, at least no spur field surrounding (Glenn Hauser, OK, DX LISTENING DIGEST)

** EQUATORIAL GUINEA. 5005, RNGE, R. Bata, sign on close to 0510, March 17; EZL pop songs; 0531 identical music and format in Spanish that Wolfy and I heard here on Dec 3, at about the same time; heard Wolfy's "Hungarian Gypsy violin Czardas music played" (classical music) (DXLD 15-49). My recording back then is at <https://goo.gl/C736dH>

5005, RNGE, R. Bata, 0522, March 19. Pop music; very poor reception; mostly unusable today (Ron Howard, Asilomar State Beach, CA, EtÛn E1, antenna: 100' long wire, dxldyg via DX LISTENING DIGEST)

5005, Radio Bata now on air with vernacular songs and comments (Manuel MÈndez, Enviado desde TypeApp, 0536 UT March 20, dxldyg via DX LISTENING DIGEST)

5005, Radio Nacional, Bata, 0530-0550, 20-03, Vernacular songs, Spanish, comments, ID "Radio Bata". 14321 (Manuel MÈndez, Lugo, Spain, Logs in Friol and Lugo, Tecsun PL-880, Sangean ATS-909X, Sony ICF SW7600G, Cable antenna, 8 meters, dxldyg via DX LISTENING DIGEST)

Hi Manuel, March 20, noted RNGE, R. Bata, on early. Heard at 0509 tune in with mostly repetitive African pop music; poor, but well above threshold level audio and slowly improving; 0526 sounded like National Anthem. A decent day for their reception (Ron Howard, CA, 0610 UT March 20, ibid.)

5005, RNGE, R. Bata on March 21 come on about 0535 with pop African music (repetitive); somewhat better than the norm. Sign on time varies a great deal! (Ron Howard, Asilomar State Beach, CA, EtÛn E1, antenna: 100' long wire, dxldyg via WORLD OF RADIO 1818, DX LISTENING DIGEST)

** ETHIOPIA [non]. Strong signal of Voice of Oromo Liberation via MBR, March 20

1702-1802 on 11810 NAU 100 kW / 145 deg to EaAf Amharic Sun, A-16 will be:

1702-1732 on 17630 NAU 100 kW / 139 deg to EaAf Oromo Wed

1732-1802 on 17630 NAU 100 kW / 139 deg to EaAf Amharic Wed

1702-1802 on 17630 ISS 100 kW / 130 deg to EaAf Amharic Sun

http://swldxbulgaria.blogspot.com/2016/03/strong-signal-of-voice-of-oromo_20.html
-- 73! (Ivo Ivanov, B'lgariya, dxldyg via DX LISTENING DIGEST)

** EUROPE. HOLLAND, 9300, FRS Holland, *0854-1010, 20-03, tuning music, ID "Broadcasting from Holland, Europe, This is FRS Holland,

Independent Free Radio", pop music and comments. 44444 (Manuel MÈndez, Lugo, Spain, Logs in Friol and Lugo, Tecsun PL-880, Sangean ATS-909X, Sony ICF SW7600G, Cable antenna, 8 meters, dxldyg via DX LISTENING DIGEST)

** EUROPE [non]. Per TWR Europe frequency management, with the end of the B15 winter season, Trans World Radio will terminate airing European languages on SW (Alokesh Gupta in Radioactivity) (via Mike Terry, March 23, BDXC_UK yg via DXLD) Rather vague; includes English? Already dropped to Europe, but it's still a ``European`` language when aired elsewhere (gh)

...and if even religious broadcasters stop using SW, the outlook is gloomy :(Inviato dal mio dispositivo Samsung (Stefano Valianti, BDXC-UK yg via DXLD)

** GERMANY. SW awake in Europe thanks to Germans --- Few notes, images and tips: AIR - RADIORAMA: Il risveglio delle onde corte, grazie ai tedeschi
<http://air-radiorama.blogspot.it/2016/03/il-risveglio-delle-onde-corte-grazie-ai.html>
Ciao (Giampiero Bernardini, Italy, dxldyg via DXLD)

** GERMANY. More new Channel 292 programmes and stations

Hi All, Looks like the Equinox conditions are making a difference, my daytime reception of the channel [6070] seems to have worsened, but the band is staying open later at nights now, and held up right until after the end of Grooveline at 0100 UT this morning.

It will be interesting to see if it holds up for Goldrausch6070 at 2200 this evening, and for a new programme/station called 'Blue' at 2300 to 0000 tonight.

Tomorrow Tuesday sees FRCS and Blueman Radio again from 1200 to 1700, and Wednesday has Popradio Ostfriesland, FRCS, Awesome 80s and Authentic Rock Radio.

On Thursday, the final day of the free offer, Radio Albatross, Blue, Geronimo Shortwave, and Voice of the Report of the Week.

More new stations booked for April are Radio Sylvia and ZATcentrale.
<http://www.channel292.de/schedule-for-bookings/>
(Alan Gale, UK, March 21, dxldyg via DX LISTENING DIGEST)

** GERMANY. Re ``European Music Radio Relays on 20th of March 2016: [...] 09.00 to 10.00 UTC on 6045 & 9485 KHz Tom Taylor & Tony Currie Mail Box (March 2016)``

No trace of any signal on 9485. Only 6045 is inbooming, from a Nauen ALLISS unit using the 6 kHz audio bandwidth set up in the Deutsche Welle days (well, next Sunday there will be its Return to Nauen after nine years) while the ex-Jlich transmitter on 6095 still has its audio cut off at 4.5 kHz (Kai Ludwig, Germany, 0938 UT March 20, dxldyg via DX LISTENING DIGEST)

Poor signal on 7265 CUSB, weak on 9485 CUSB, March 20, see videos <http://swldxbulgaria.blogspot.com/2016/03/european-music-radio-via-rohrbach.html>
-- 73! (Ivo Ivanov, QTH: Sofia, Bulgaria, Equipment: Sony ICF-2001D 30 m. long wire, 1011 UT March 20, ibid.)

** GERMANY [non]. Hello, good morning: Dear Glenn: Just got from the web site the new A-2016 schedule from DW English, now only 3 hours

0400 - 0500 09800 kHz / 31 m MEYERTON Africa (east)
0400 - 0459 11820 kHz / 25 m MADAGASCAR Africa (east)
0500 - 0600 11820 kHz / 25 m MADAGASCAR Africa (south)
0500 - 0600 15250 kHz / 19 m ISSOUDUN Africa (south)
0700 - 0800 15530 kHz / 19 m ISSOUDUN Africa (west)
0700 - 0800 17800 kHz / 16 m ISSOUDUN Africa (west)

73's, (Richard Lemke, St Albert, Alberta, March 23, 2016, WORLD OF RADIO 1818, DX LISTENING DIGEST)

For a few years we could safely say, ``if you hear Deutsche Welle, you know it's not transmitted from Germany``. Not any more: (gh, ibid.)

** GERMANY [and non]. DW in A-16 summer season again from MBR Nauen site [WORLD OF RADIO 1818] [A few transmissions below as NAU]

[ASCENSION ISL/France/MADAGASCAR/SAO TOME/SOUTH AFRICA/SRI LANKA/UAE]

<http://www.radioeins.de/programm/sendungen/medienmagazin/radio_news/beitraege/2016/dw_nauen.html>

A-16 summer schedule

6045	0300-0400	48SW,52E,53NW	MEY	250	19	12	216	Swa	AFS	DWL	15045
9800	0300-0400	48SW,52E,53NW	NAU	500	155	0	216	Swa	D	DWL	374***
9800	0400-0500	46SE,47,48W	MEY	250	19	12	411	Eng	AFS	DWL	375
9800	0500-0600	48SW,52NE,52S	MEY	250	19	12	411	Eng	AFS	DWL	376
9830	0630-0700	46,47W	SAO	100	20	0	105	Hau	STP	DWL	378
9830	1300-1400	46,47W	SAO	100	20	0	105	Hau	STP	DWL	379
9830	1800-1900	46,47W	SAO	100	20	0	105	Hau	STP	DWL	380
11820	0400-0500	46SE,47,48W	MDC	250	300	0	105	Eng	MDG	DWL	7425
11820	0500-0600	46E,47,48,52	MDC	250	265	-15	158	Eng	MDG	DWL	7426

15215	1330-1400	40E,41NW	TRM	250	335	-10	206	Prs	CLN	DWL	387
15215	1400-1430	40E,41NW	TRM	250	335	-10	206	Pus	CLN	DWL	388
15250	0300-0400	48SW,52E,53NW	TRM	250	255	-15	217	Swa	CLN	DWL	15046
15250	0400-0500	46SE,47,48W	TRM	250	255	-15	217	Eng	CLN	DWL	7427
15250	0500-0600	46E,47,48,52	ISS	500	145	0	217	Eng	F	DWL	10040
15275	1000-1100	48SW,52E,53NW	MDC	250	300	0	105	Swa	MDG	DWL	392
15275	1500-1600	48SW,52E,53NW	TRM	250	255	-15	217	Swa	CLN	DWL	393
15275	1600-1700	48	TRM	250	270	0	216	Amh	CLN	DWL	394
15275	1700-1800	37,38,46,47	ISS	500	170	0	217	Fra	F	DWL	13131
15275	1800-1900	46,47W	ISS	500	175	0	217	Hau	F	DWL	396
15325	1700-1800	37,38,46,47	ISS	500	180	9	211	Fra	F	DWL	398
15430	1330-1400	40E,41NW	DHA	250	45	-15	146	Prs	UAE	DWL	403
15430	1400-1430	40E,41NW	DHA	250	45	-15	146	Pus	UAE	DWL	404
15530	0630-0700	46,47W	NAU	500	185	0	218	Hau	D	DWL	405***
15530	0700-0800	37,38,39,46	ISS	500	175	0	216	Eng	F	DWL	406
17710	1000-1100	48SW,52E,53NW	MEY	250	19	12	411	Swa	AFS	DWL	410
17710	1500-1600	48SW,52E,53NW	DHA	250	215	0	218	Swa	UAE	DWL	15047
17720	1330-1400	40E,41NW	TRM	250	335	-10	206	Prs	CLN	DWL	13132
17720	1400-1430	40E,41NW	TRM	250	335	-10	206	Pus	CLN	DWL	13133
17740	1700-1800	37,38,46,47	ISS	500	180	0	207	Fra	F	DWL	13134
17800	0500-0600	46E,47,48W,52	TRM	250	245	-30	216	Eng	CLN	DWL	412
17800	0630-0700	46,47W	ISS	500	160	0	217	Hau	F	DWL	413
17800	0700-0800	37,38,39,46	ISS	500	160	0	217	Eng	F	DWL	414
17800	1300-1400	46,47W	ASC	250	55	-30	216	Hau	G	DWL	415
17800	1600-1700	48	DHA	250	225	0	218	Amh	UAE	DWL	15048
17800	1700-1800	37,38,46,47	ASC	250	65	0	147	Fra	G	DWL	416
17800	1800-1900	46,47W	ISS	500	170	0	207	Hau	F	DWL	417
21780	0630-0700	46,47W	DHA	250	260	0	218	Hau	UAE	DWL	15049
21780	0700-0800	37,38,39,46	DHA	250	260	0	218	Eng	UAE	DWL	15050
21780	1300-1400	46,47W	DHA	250	260	0	218	Hau	UAE	DWL	15051

Language sorted

15275	1600-1700	48	TRM	250	270	0	216	Amh	CLN	DWL	394
17800	1600-1700	48	DHA	250	225	0	218	Amh	UAE	DWL	15048

9800	0400-0500	46SE,47,48W	MEY	250	19	12	411	Eng	AFS	DWL	375
9800	0500-0600	48SW,52NE,52S	MEY	250	19	12	411	Eng	AFS	DWL	376
11820	0400-0500	46SE,47,48W	MDC	250	300	0	105	Eng	MDG	DWL	7425
11820	0500-0600	46E,47,48,52	MDC	250	265	-15	158	Eng	MDG	DWL	7426
15250	0400-0500	46SE,47,48W	TRM	250	255	-15	217	Eng	CLN	DWL	7427
15250	0500-0600	46E,47,48,52	ISS	500	145	0	217	Eng	F	DWL	10040
15530	0700-0800	37,38,39,46	ISS	500	175	0	216	Eng	F	DWL	406
17800	0500-0600	46E,47,48W,52	TRM	250	245	-30	216	Eng	CLN	DWL	412
17800	0700-0800	37,38,39,46	ISS	500	160	0	217	Eng	F	DWL	414
21780	0700-0800	37,38,39,46	DHA	250	260	0	218	Eng	UAE	DWL	15050

15275	1700-1800	37,38,46,47	ISS	500	170	0	217	Fra	F	DWL	13131
15325	1700-1800	37,38,46,47	ISS	500	180	9	211	Fra	F	DWL	398

17740	1700-1800	37,38,46,47	ISS	500	180	0	207	Fra	F	DWL	13134
17800	1700-1800	37,38,46,47	ASC	250	65	0	147	Fra	G	DWL	416
9830	0630-0700	46,47W	SAO	100	20	0	105	Hau	STP	DWL	378
9830	1300-1400	46,47W	SAO	100	20	0	105	Hau	STP	DWL	379
9830	1800-1900	46,47W	SAO	100	20	0	105	Hau	STP	DWL	380
15275	1800-1900	46,47W	ISS	500	175	0	217	Hau	F	DWL	396
15530	0630-0700	46,47W	NAU	500	185	0	218	Hau	D	DWL	405***
17800	0630-0700	46,47W	ISS	500	160	0	217	Hau	F	DWL	413
17800	1300-1400	46,47W	ASC	250	55	-30	216	Hau	G	DWL	415
17800	1800-1900	46,47W	ISS	500	170	0	207	Hau	F	DWL	417
21780	0630-0700	46,47W	DHA	250	260	0	218	Hau	UAE	DWL	15049
21780	1300-1400	46,47W	DHA	250	260	0	218	Hau	UAE	DWL	15051
15215	1330-1400	40E,41NW	TRM	250	335	-10	206	Prs	CLN	DWL	387
15430	1330-1400	40E,41NW	DHA	250	45	-15	146	Prs	UAE	DWL	403
17720	1330-1400	40E,41NW	TRM	250	335	-10	206	Prs	CLN	DWL	13132
15215	1400-1430	40E,41NW	TRM	250	335	-10	206	Pus	CLN	DWL	388
15430	1400-1430	40E,41NW	DHA	250	45	-15	146	Pus	UAE	DWL	404
17720	1400-1430	40E,41NW	TRM	250	335	-10	206	Pus	CLN	DWL	13133
6045	0300-0400	48SW,52E,53NW	MEY	250	19	12	216	Swa	AFS	DWL	15045
9800	0300-0400	48SW,52E,53NW	NAU	500	155	0	216	Swa	D	DWL	374***
15250	0300-0400	48SW,52E,53NW	TRM	250	255	-15	217	Swa	CLN	DWL	15046
15275	1000-1100	48SW,52E,53NW	MDC	250	300	0	105	Swa	MDG	DWL	392
15275	1500-1600	48SW,52E,53NW	TRM	250	255	-15	217	Swa	CLN	DWL	393
17710	1000-1100	48SW,52E,53NW	MEY	250	19	12	411	Swa	AFS	DWL	410
17710	1500-1600	48SW,52E,53NW	DHA	250	215	0	218	Swa	UAE	DWL	15047

Die letzten Registrierungs Requests fuer den Sommer A-16 der DWL Bonn
beinhalten einen ganzen Strauss von gemieteten Sendestunden in den
Anlagen, meist via FMO Frequency Management Organizations, wie
Media Broadcast und Babcock in

ASC Babcock, Ascension Island.
DHA Babcock, Al Dhabbaya, UAE.
ISS TDF Issoudun, France.
MDC MDG MGLOB S.A., Shortwave station MGLOB (ex RNW), Madagascar.
MEY SenTec Meyerton, South Africa.
NAU MBR Media Broadcast Nauen, Germany.
SAO IBB US Sao Tome.
TRM SLBC Trincomalee, Sri Lanka.
(DWL, HFCC requests March 18, BC-DX 23 March via DXLD)

** GREECE. Morning reception of Voice of Greece on March 17:
0600-0700 on 9935 AVL 100 kW / 285 deg to WeEu Greek tx#1
0700-0755 on 9935 AVL 100 kW / 285 deg to WeEu Greek*tx#1

*plus 3-6 min news in Serbian, Romanian, Spanish, Russian, Albanian, Polish, Italian & off air. No signal on 9420 tx#3!
http://swldxbulgaria.blogspot.bg/2016/03/morning-reception-of-voice-of-greece-on_17.html

-- 73! (Ivo Ivanov, B'lgariya, dxldyg via DX LISTENING DIGEST)

Morning reception of Voice of Greece on March 18:

0700-0800 on 9420 AVL 170 kW / 323 deg to WeEu Greek*tx#3

0700-0800 on 11645 AVL 100 kW / 182 deg to NoAf Greek*tx#1

*plus 3-6 min news in Serbian, Romanian, Spanish, Russian, Albanian, Polish, Italian and Arabic and off air at 0835UT

http://swldxbulgaria.blogspot.bg/2016/03/morning-reception-of-voice-of-greece-on_18.html

Voice of Greece was back on air again on March 18

from 1844 on 9420 AVL 170 kW / 323 deg to WeEu Greek tx#3

from 1904 on 9420 AVL 170 kW / 323 deg to WeEu Greek tx#3

<http://swldxbulgaria.blogspot.bg/2016/03/voice-of-greece-was-back-on-air-again.html>

-- 73! (Ivo Ivanov, B'lgariya, dxldyg via DX LISTENING DIGEST)

9420, VOG, 0354, March 19. Have not listened to this station very much, so a nice surprise to tune in and catch IDs in Greek & English ("This is Athens. You are listening to the Voice of Greece"), along with IS and assume National Anthem; 9935 was silent (Ron Howard, Asilomar State Beach, CA, EtÛn E1, antenna: 100' long wire, dxldyg via DX LISTENING DIGEST)

Morning reception of Voice of Greece on March 22:

from 0700 on 9420 AVL 170 kW / 323 deg to WeEu Greek*tx#3

from 0700 on 11645 AVL 100 kW / 182 deg to NoAf Greek*tx#1

*plus 3-6 min news in Serbian, Romanian, Spanish, Albanian, Russian, Polish, Italian and Arabic, off air at 0801-0804 UT

http://swldxbulgaria.blogspot.bg/2016/03/morning-reception-of-voice-of-greece-on_22.html

Voice of Greece was return on shortwave, March 22

from 2000 9420 AVL 170 kW / 323 deg WeEu Greek tx#3

from 2000 9935 AVL 100 kW / 285 deg WeEu Greek tx#1

<http://swldxbulgaria.blogspot.bg/2016/03/voice-of-greece-was-return-on-shortwave.html>

-- 73! (Ivo Ivanov, B'lgariya, dxldyg via DX LISTENING DIGEST)

Voice of Greece, 9420, 0034 23 MAR - SINPO = 25121. ?Greek?, female announcer, music. QSB=rapid-to-ff rate, modulation on noisy carrier often dips below noise floor and only occasionally peaks above it. (// 9935 SINPO 15121 modulation mixing with what sounds like a constant car horn sound, bad transmitter? 100kw, beamAz 285 . @0245z SINPO25211

modulation mostly car horn sound, also hear a distant male voice)
(spot check 9420kHz@0239z SINP035322 male giving speech in room full
of people). sf87.3 a7, k1, geomag: very quiet. 170kw, beamAz 323 ,
bearing 30 . Sangean ATS505 w/Sony AN-LP1 active loop in west facing
window. Received at Las Vegas, United States, 10746KM from transmitter
at Avlis. Local time: 1734 (Rodney Johnson, NV, dxldyg via DX
LISTENING DIGEST)

Morning reception of Voice of Greece on March 23:

0600-0700 9420 AVL 170 kW / 323 deg WeEu Greek tx#3

0600-0700 11645 AVL 100 kW / 182 deg NoAf Greek tx#1

from 0700 9420 AVL 170 kW / 323 deg WeEu Greek*tx#3, off/on 0717/0722

from 0700 11645 AVL 100 kW / 182 deg to NoAf Greek*tx#1

*plus news in Serbian, Spanish, Romanian, Albanian, Polish, Italian,
Arabic. Today missing Russian. Off around 0835 UT.

http://swldxbulgaria.blogspot.bg/2016/03/morning-reception-of-voice-of-greece-on_23.html

-- 73! (Ivo Ivanov, QTH: Sofia, Bulgaria, Equipment: Sony ICF-2001D 30
m. longwire, dxldyg via DX LISTENING DIGEST)

9934.943, March 23 at 0240, ERT whiner is centered here (Glenn Hauser,
OK, DX LISTENING DIGEST)

** GUATEMALA. 4055, March 20 at 0134, Radio Verdad, Emisora Evangélica
y Educativa ID with wrong frequency ``4.05 MHz, SW-1`` and offering
QSL, with Hammond? organ music background. S9+10 which is good enough
direct without ``injexion`` by mysterious additional relays. Haven't
heard anything about ``The Shortwave Alliance`` lately. BTW, SW-1 is
meaningless unless you happen to have a radio marked with bands like
SW-1 and SW-2 {and even if you do, one receiver's SW-1 range need not
correspond to the same range on another} (Glenn Hauser, OK, DX
LISTENING DIGEST)

4055, March 21 at 0355, TGAV is closing a program mentioning a bunch
of other radio stations, including ``Tras las Ondas, Radio --- de
Santa Bárbara``, presumably the one in Honduras, then 0356 The Lord's
Prayer recited in English but with tune background. R. Truth is about
to go thru sign-off routine on Sunday night two hours earlier than
other nights; but recheck at 0419, dead carrier is still on (Glenn
Hauser, OK, DX LISTENING DIGEST)

Dear Edgar, Nothing heard from you for some weeks about the `relays` -
-- Have you also concluded now it was all a fantasy, or are they still
putting you off/on? (English idioms with different meanings but either
could be applicable.) I have yet to hear from a single reputable
monitor of your signal being received in the local daytime, etc., when
it could not have come direct. Best wishes, (Glenn, March 18 to Dr
Madrid, via DXLD)

Thank you, Glenn. I have been quiet because we are still on test transmissions, and we are not transmitting to everywhere yet, untill we instal everything in Chiquimula (probably within a month or so). I will keep you informed whenever I receive trustworthy information. May God be with you (...dgar Madrid, Radio Verdad, March 20, ibid.)

** INDIA [and non]. 4800.000, CHINA, CNR1 Geermu outlet, proper signal. and co-channel:
4799.996, AIR Hyderabad, Telengana, underneath 'suffering'.

4879.995, AIR Lucknow, Uttar Pradesh, noted 1332 UT

4810.264, INDIA, AIR Bhopal Madhya Pradesh, proper signal in Eastern Thailand, S=9+20dB or -56dBm at 1326 UT March 17 [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang B.schel, log of monitoring on remote SDR unit located in eastern Thailand, March 17 at 1030-1330 UT, dxldyg via DX LISTENING DIGEST)

4810.271, AIR Bhopal, Madhya Pradesh, Mumbai, usual ODD frequency outlet, subcontinental singer at 0035 UT on March 23 S=7 or -82dBm signal, in remote SDR in eastern Thailand. Bhopal Shyamla Hills, Bhopal-462002, Madhya Pradesh, India <bhopal -at- air.org.in> 1x50 txer [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang B.schel, 0030-0300 UT on March 23, log on remote SDR unit in eastern Thailand, BC-DX 23 March via DXLD)

4810.266, March 23 at 1302, JBA carrier vs CODAR, presumed AIR Bhopal still off-frequency (Glenn Hauser, OK, DX LISTENING DIGEST)

** INDIA. 5005, AIR Thiruvananthapuram, 1806-1828*, 19-03, extended program, cricket, India vs Pakistan, English and Vernacular comments, ID "All India Radio", close at 1828. 34433 (Manuel MÈndez, Lugo, Spain, Logs in Friol and Lugo, Tecsun PL-880, Sangean ATS-909X, Sony ICF SW7600G, Cable antenna, 8 meters, dxldyg via DX LISTENING DIGEST)

** INDIA. 7429.999, AIR Bhopal, Madhya Pradesh, Mumbai, and co-channel two accompanied test tone sine signals on air, just symmetrical +/- 1054 Hertz test tone on both 7428.945 and 7431.053 kHz, at 0223 UT March 23, S=7 or -86dBm, in remote SDR unit in eastern Thailand [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang B.schel, 0030-0300 UT on March 23, log on remote SDR unit in eastern Thailand, BC-DX 23 March via DXLD) See also ANDAMAN & NICOBAR ISLANDS

** INDIA. 13695, March 19 at 0214, AIR IS is very poor, S4, but nice to hear something making it across the pole at this time on this band. The half-sesquihour in Kannada is about to open, to be followed by an hour in Hindi, both 500 kW, 300 degrees from Bengaluru (Glenn Hauser,

OK, DX LISTENING DIGEST)

** INDIA [non]. TWR SOUTH ASIA A16

LOC	FREQ	START	STOP	CIRAF	PWR	AZI	SLEW	ANT	DAYS	LANGUAGE
GRI	9900	0030	0045	41	300	98	02/4/0.5	23456		BENGALI
GRI	9900	0045	0115	41	300	98	02/4/0.5	23456		BHOJPURI
GRI	9900	0115	0130	41	300	98	02/4/0.5	3		HINDI
GRI	9900	0115	0130	41	300	98	02/4/0.5	4		DZONKHA
GRI	9900	0115	0130	41	300	98	02/4/0.5	5		NEPALI
TAC	12160	1345	1400	41	300	98	02/4/0.5	1 34567		HINDI
TAC	12160	1400	1415	41	300	98	02/4/0.5	1 3 567		HINDI
TAC	12160	1400	1415	41	300	98	02/4/0.5	4		AWADHI
TAC	12160	1415	1430	41	300	98	02/4/0.5	1234567		HINDI
GRI	12160	1430	1445	41	300	98	02/4/0.5	1234567		HINDI
GRI	12160	1445	1515	41	300	98	02/4/0.5	1		PUNJABI
GRI	12160	1445	1515	41	300	98	02/4/0.5	234567		HINDI
GRI	12160	1515	1545	41	300	98	02/4/0.5	1234567		PUNJABI
GRI	12160	1545	1615	41	300	98	02/4/0.5	23456		PUNJABI
ERV	12055	1245	1300	41	300	100	08/8/1	1		SANTHALI
ERV	12055	1245	1300	41	300	100	08/8/1		7	KUI
ERV	12055	1300	1315	41	300	100	08/8/1	1		KUMAONI
ERV	12055	1300	1315	41	300	100	08/8/1		7	HO
ERV	12055	1315	1330	41	300	100	08/8/1	123		MARWARI
ERV	12055	1315	1330	41	300	100	08/8/1	45		MEWADI
ERV	12055	1315	1330	41	300	100	08/8/1		6	BRAJ BHASHA
ERV	12055	1315	1330	41	300	100	08/8/1		7	BENGALI
ERV	12055	1330	1345	41	300	100	08/8/1	1		BONDO
ERV	12055	1330	1345	41	300	100	08/8/1	2		MAITHILI
ERV	12055	1330	1345	41	300	100	08/8/1	3		HINDI
ERV	12055	1330	1345	41	300	100	08/8/1	4		KASHMIRI
ERV	12055	1330	1345	41	300	100	08/8/1		5	TIBETAN
ERV	12055	1330	1345	41	300	100	08/8/1		6	HARYANVI
ERV	12055	1330	1345	41	300	100	08/8/1		7	GARHWALI
ERV	12055	1345	1400	41	300	100	08/8/1	1		KURUKH
ERV	12055	1345	1415	41	300	100	08/8/1	23456		MAITHILI
ERV	12055	1345	1415	41	300	100	08/8/1		7	BUNDELI
ERV	12055	1400	1415	41	300	100	08/8/1	1		KHARIA
ERV	12055	1415	1430	41	300	100	08/8/1	12		MAGAH
ERV	12055	1415	1430	41	300	100	08/8/1	34		MUNDARI
ERV	12055	1415	1430	41	300	100	08/8/1		567	KURUKH
ERV	12055	1430	1445	41	300	100	08/8/1	1		SADARI
ERV	12055	1430	1445	41	300	100	08/8/1		7	DAHAYIA
ERV	12055	1430	1500	41	300	100	08/8/1	23456		SINDHI
ERV	12055	1445	1500	41	300	100	08/8/1	1		CHODRI
ERV	12055	1445	1500	41	300	100	08/8/1		7	VASAVI
ERV	12055	1500	1530	41	300	100	08/8/1	1		GAMIT

ERV	12055	1500	1515	41	300	100	08/8/1	2	GAMIT
ERV	12055	1500	1515	41	300	100	08/8/1	34	BHILI
ERV	12055	1500	1515	41	300	100	08/8/1	56	VASAVI
ERV	12055	1515	1530	41	300	100	08/8/1	23	MOUCHI
ERV	12055	1515	1530	41	300	100	08/8/1	4	DHODIA
ERV	12055	1515	1530	41	300	100	08/8/1	5	GUJARATI
ERV	12055	1515	1530	41	300	100	08/8/1	6	MARATHI
ERV	12055	1530	1600	41	300	100	08/8/1	1	7 URDU

Submit reports at : http://www.twr.in/technical_info.htm
 -- (via Alokesh Gupta, New Delhi, India, March 18, DXLD)

Sites: PRIDNESTROVYE, UZBEKISTAN, ARMENIA resp. (gh)

Rather probably via Tashkent Uzbekistan instead, like
 TAC 9900 0030-0130 41 100 131 2/4/0.5:::

GRI	9900	0030-0045	41	300	98	2/4/0.5	.23456.	BENGALI
GRI	9900	0045-0115	41	300	98	2/4/0.5	.23456.	BHOJPURI
GRI	9900	0115-0130	41	300	98	2/4/0.5	..3....	HINDI
GRI	9900	0115-0130	41	300	98	2/4/0.5	...4...	DZONKHA
GRI	9900	0115-0130	41	300	98	2/4/0.55..	NEPALI

Rather probably via Taskent Uzbekistan instead, like
 TAC 12160 1315-1630 41 100 131 2/4/0.5:::

TAC	12160	1345-1400	41	100	131	2/4/0.5	1.34567	HINDI
TAC	12160	1400-1415	41	100	131	2/4/0.5	1.3.567	HINDI
TAC	12160	1400-1415	41	100	131	2/4/0.5	...4...	AWADHI
TAC	12160	1415-1430	41	100	131	2/4/0.5	1234567	HINDI
GRI	12160	1430-1445	41	300	98	4/8/0.8	1234567	HINDI
GRI	12160	1445-1515	41	300	98	4/8/0.8	1.....	PUNJABI
GRI	12160	1445-1515	41	300	98	4/8/0.8	.234567	HINDI
GRI	12160	1515-1545	41	300	98	4/8/0.8	1234567	PUNJABI
GRI	12160	1545-1615	41	300	98	4/8/0.8	.23456.	PUNJABI

(Wolfgang B.schel, bclnews.it yg via DXLD)

** INDONESIA. 3905, March 17 at 1143, poor with music, QRhaM LSB on exactly same frequency; presumed RRI Merauke (Glenn Hauser, OK, DX LISTENING DIGEST)

** INDONESIA [non]. 3325, NBC Bougainville, 1147-1216*, March 19. Nice to find that RRI Palangkaraya was off the air today; DJ in Pidgin/Tok Pisin with Celine Dion song and Pacific Islands pop songs; at 1200 not the recently heard format of ID and off; instead continued with music; 1210 a different DJ in English; weak, but at least they had no QRM.

BTW - RRI Wamena (4869.89v) remains silent through March 19 (Ron Howard, Asilomar State Beach, CA, Etûn E1, antenna: 100' long wire, dxldyg via DX LISTENING DIGEST)

** INDONESIA. 9525, Mar 20, 2016. 2101-2106, Voice of Indonesia, Jakarta. Off air a few days ago. The more irregular between irregulares (DXer - Jos  Ronaldo Xavier, Cabedelo - PB, Brazil, Sony ICF-SW100S Portable, Telescopic antenna, Hard-Core-DX mailing list via DXLD) Do you mean that it *is* on the air, heard today March 20? (gh)

9525, March 22 at 1332, JBA carrier, so VOI must be back. Ron Howard agrees, as does Atsunori Ishida who says it was absent March 14 thru 21 (Glenn Hauser, OK, DX LISTENING DIGEST)

Hi Glenn, When checking for the return of Voice of Indonesia on 9525 (yes, they are finally back on the air again), found QRM from Xing Xing BS (Star Star Broadcasting Station - Taiwan) on 9522, at 1214, on March 22, with ex: 7502 being silent.

VOI noted later at 1320, in English with end of "Today in History" and into "Focus" segment; semi-readable. Earlier was totally unusable (Ron Howard, California, dxldyg via DX LISTENING DIGEST)

Voice of Indonesia was back on SW after several days of absence:
1700-1800 on 9525 JAK 250 kW / 290 deg to WeEu Spanish
1800-1900 on 9525 JAK 250 kW / 290 deg to WeEu German
1900-2000 on 9525 JAK 250 kW / 290 deg to WeEu English
2000-2100 on 9525 JAK 250 kW / 290 deg to WeEu French
TX off/on at 1848/1852; 1900/1904; 1922/1925; 1933/1936; 1955/1959
http://swldxbulgaria.blogspot.bg/2016/03/voice-of-indonesia-was-back-on-sw-after_59.html

73! (Ivo Ivanov, B'lgariya, March 22, dxldyg via DX LISTENING DIGEST)

9525, Mar 23, 2016. 1935-1940, Voice of Indonesia, Jakarta, in English. The comeback. YL talks and talks. Fair signal and barely audible modulation, 35331. Note: VON, also called "YO-YO Station": Comes and goes! When will the next? (DXer - Jos  Ronaldo Xavier (JRX), Cabedelo, PB, Brazil, Degen 1103/ Tecsun S-2000, Portable Telescopic antenna, Hard-Core-DX mailing list via DXLD)

** IRAN. He received a letter from Iran:

"Dear Mr. Klepov! good afternoon, Thank you very much for the reports on the admission. We will send you the corresponding QSL-cards. But we must inform you that from March 21, broadcasting our programs on shortwave end, and we continue to operate as an Internet radio. Thus, we no longer accept that date reports on the admission. Once again thank you for the useful reports for admission. Yours faithfully

Russian service of Radio and Television of Iran"

-

This situation in the course of care of the radio ester is not important, but in Iran is changing everything: letter in the title - from the Russian radio Iran

"Since April 5, we will change the email address on Russian@parstoday.com

We invite you to keep in touch with us at this address. Yours faithfully, Parstoday Russian ^a (Anatoly Klepov, Moscow, Russia, RusDX March 20 via DXLD)

** IRAN. VOIRI on Nowruz --- Recorded the VOIRI English transmission scheduled for 1920 to 2020 UT via the Twente receiver yesterday (Sunday, 20 March 2016) on the occasion of Nowruz (literally, New Day), the Persian New Year, which coincides with the first day of spring in the Northern Hemisphere (will archive it later). Checked all four frequencies: 6040 and 7425 kHz to Europe and 13735 and 15460 kHz (to southern Africa). The frequencies did not all come up at the same time. 7425 kHz was first with a crash start at about 1919:12 UT with a religious segment in progress. No interval signal of any kind. The other three frequencies came up a minute or more later. Is this common?

Still IDing as "Voice of the Islamic Republic of Iran" and "IRIB English Radio." 6040 kHz and 7425 kHz about equal signal strength (40 over S9) but 7425 kHz had a bit of adjacent frequency splatter while 6040 kHz did not and so was better. Not surprisingly given the antenna beam direction, 13735 and 15460 kHz were only weakly heard. The news and the Listeners Special program both discussed Nowruz celebrations in Iran and elsewhere and there was a special item on Nowruz towards the end of the broadcast. Unfortunately it ended abruptly in mid-sentence when the 6040 kHz transmitter left the air at about 10 seconds after 2020 UT. Disappointing. Too bad they can't properly schedule the start and end of their broadcasts. Again, is this common or can we chalk it up to perhaps a novice studio technician having to work on the holiday? ;-) (Richard Langley, NB, 1415 UT March 21, dxldyg via DX LISTENING DIGEST)

I have noticed on occasions recently that the shortwave broadcasts of VOIRI seem to crash into existing programming, and then cut out again mid-sentence at the end of the transmission slot. I think what may be happening (although I haven't yet researched this to any appreciable extent) is that the shortwave transmission takes a feed from the 24/7 English web-stream, and that the programming on the web-stream is not sufficiently aligned with the start and end of the individual shortwave transmissions. I have also heard English extend by a few

minutes beyond the scheduled end time, still (I assume) broadcasting the web-stream feed (Alan Roe, Teddington, UK, *ibid.*)

Thanks, Alan. Makes sense. I guess for some (many?) SW broadcasters these days, their Internet streams are their primary outlets while the SW broadcasts are secondary. But clearly there could be a better attempt at time synchronization and keeping to a strict schedule even for the Internet streams (Richard, *ibid.*)

** ITALY. Paradise on 1440 kHz --- It is no paradise on 1440 kHz when another DX channel is blocked. This German speaking station called Paradise FM was heard this morning (18 MAR) on this ex-RTL frequency playing rock music. News in German before 0500, some ID-slogans in English after the news. Strong signal here in the middle of Europe. Location of the transmitter: probably in north Italy. The station was heard on this frequency already in January 2016 (Karel Honzík, Czechia, March 18, mwdx yg via DXLD)

** ITALY. Radio Latino, 7590 kHz, 1844-1857, 19-03, Latin music, ID "This is Radio Latino, esto es Radio Latino". 34433.

7610, Radio Latino, 2043, 19-03, now on air with good signal, music and several identifications, Goog signal, 34433 (Manuel Méndez, Lugo, Spain, Logs in Friol and Lugo, Tecsun PL-880, Sangean ATS-909X, Sony ICF SW7600G, Cable antenna, 8 meters, dxldyg via DX LISTENING DIGEST)

** JAPAN. 6115, "RN2," 0518, March 21. Checking for Congo [q.v.], but surprised to find this instead, as I didn't think I could hear them this early; started very poor; able to make out some pop hit songs from the 50s; 0600 clear "RN2" ID (Ron Howard, Asilomar State Beach, CA, Etûn E1, antenna: 100' long wire, dxldyg via DX LISTENING DIGEST)

** KOREA NORTH. REGIME INTENSIFIES SIGNAL JAMMING AGAINST FOREIGN RADIO BROADCASTS
<http://www.dailynk.com/english/read.php?cataId=nk00100&num=13812>

North Korea has been from the beginning of March continually signal jamming radio broadcasts on the shortwave frequency used by the South Korean non-profit broadcaster Unification Media Group (UMG). Given the present situation, in which North Korean residents might be influenced by outside information condemning the regime and explaining the purpose of the sanctions imposed by the United Nations, the regime has showed the will to block sources of outside information that might cause unrest.

The shortwave frequency band [sic] in question, 7515 kHz, has been actively jammed starting on March 1st making it extremely difficult

for North Korean listeners to tune in. On the 15, UMG organization began using three receivers to test out reception at that and adjacent frequencies on a daily basis and was able to confirm that the exact signal is being jammed.

[times K-N UT +8.5, or K-S UT +9? -- gh]

The blocking effort is being concentrated on the time period from 10 pm to midnight. Specifically, from 10 to 11 pm the jamming is very strong. The signal jamming is undetectable from midnight to 1 am. The signal blocking became weaker at midnight on March 15, from which point onward the entire three hour broadcast was audible. Starting on the 17, UMG moved the frequency, but the jamming operators seemed not to notice because the interference continued on the old wavelength.

Unification Media Group estimates that the North Korean authorities are the responsible party. From the very outset of the consortium's radio leg, which dates back to December 2005, the regime has frequently looked for ways to jam its frequencies. While sporadic jamming has been common over the past decade, it has had limited impact on receivers. However, starting from March of this year, stronger jamming signals have been deployed. The result: fuzzy reception and sometimes even completely blocked signals. This is the first time that such a strong jamming effort has been continuously maintained.

iThis is the strongest signal jam in the last few years. As the regime is pushed into further isolation by the strongest round of sanctions yet, they have become concerned that the residents will be awakened by exposure to outside information,î Unification Media Group (UMG) President Lee Gwang Baek said.

iNorth Korean authorities can not signal jam at high strength across multiple channels, so right now, the most effective thing to do would be to expand our frequencies and signal strength. We need direct [South Korean] government assistance to do that.î

If the government grants permission for civil society organizations broadcasting to North Korea to use the former's powerful and far-reaching medium wavelengths to transmit radio content to North Korea, the broadcasts would be able to reach far more people despite the jamming attempts.

About this, National Intelligence Service First Deputy Director Yeom Don Jae said, iThe regime's efforts to block radio signals from South Korean civic groups is actually confirmation of the potency of these broadcasts. This will cause considerable agitation for the listeners who have become accustomed to tuning in to foreign radio.î

He added, iTherefore, we need to let the North Korean residents know about this situation and use the strength of the regime as a weapon against them. We need to use multi-dimensional methods to pump the North full of information.i

UMG currently broadcasts from 10pm-1am nightly on shortwave frequencies via a transmission station in Dushanbe, Tajikistan. This content is rebroadcast daily from 3-5:00am on AM and FM frequencies via towers in South Korea's Gangwon Province; however, these channels are borrowed from other private broadcasters and therefore limited in range and potency relative to those allocated by the government.
Posted by: (JOSE MIGUEL ROMERO ROMERO, March 22, dxldyg via WORLD OF RADIO 1818, DXLD)

Apparently refers to National Unity Radio, ex-Radio Free Chosun, per WRTH 2014, and was via UZBEKISTAN, not TAJIKISTAN, and moved to 11550 as below (Glenn Hauser, WORLD OF RADIO 1818, DX LISTENING DIGEST)

** KOREA NORTH [non]. Summer A-16 of clandestine broadcasts via new FMO - RED [what does RED stand for?? gh]

Radio Free North Korea
1200-1300 on 15630 TAC 100 kW / 076 deg to NEAs Korean (9470 in B-15)
National Unity Radio
1300-1600 on 11550 DB 100 kW / 071 deg to NEAs Korean (7515 in B-15)
[WORLD OF RADIO 1818]

Voice of Wilderness
1330-1530 on 12130 TAC 100 kW / 070 deg to NEAs Korean (7615 in B-15)
North Korea Reform Radio
1430-1530 on 11570 TAC 100 kW / 076 deg to NEAs Korean (7590 in B-15)
2030-2130 on 7510 TAC 100 kW / 076 deg to NEAs Korean (same in B-15)
Voice of Martyrs at new time
1530-1700 on 7520 TAC 100 kW / 076 deg to NEAs Korean
(alt.7530/9985), instead
1630-1800 on 7520 TAC 100 kW / 076 deg to NEAs Korean in current B-15
(Bulgarian DX blog March 20 via DXLD) See also CAMBODIA [non]

** KOREA NORTH [non]. 7400, March 17 at 1327, yes, Shiokaze is still here, can recognize the intonation of the YL announcer in English on Thursdays only; very poor in heavy music splash from 7405 Radio Marti; 1329 can hear her say ``Tokyo, Japan`` (Glenn Hauser, OK, DX LISTENING DIGEST)

7400, Shiokaze/Sea Breeze via Yamata (Japan), 1355, March 17 (Thursday). In English with "A message from the Japanese Government"; 1400*; almost fair with CRI QRM till 1357; also moderately strong N.

Korean jamming (pulsating noise). Today Glenn was also checking out their Thursday only English (Ron Howard, Asilomar State Beach, CA, Etûn E1, antenna: 100' long wire, dxldyg via DX LISTENING DIGEST)

** KOREA NORTH [non]. "Sea breeze" and "Wind from the Home town" Special joint program for N. Korea on 9960 kHz via T8WH Palau at 1000-1200UT on today (Mar. 18). Live broadcast "Beyond the sea, The light of HOPE" in Japanese from Nishitetu Holl in Fukuoka (S. Hasegawa, Japan, dxldyg via DX LISTENING DIGEST)

** KOREA NORTH [non]. PHILIPPINES, Poor reception of Living Water Ministry Broadcasting, March 23
1530-1630 on 9650 unknown probably PUG to NEAs Korean Wed, QRM RRI 9655; RL 9645
http://swldxbulgaria.blogspot.bg/2016/03/poor-reception-of-living-water-ministry_23.html
-- 73! (Ivo Ivanov, QTH: Sofia, Bulgaria, Equipment: Sony ICF-2001D 30 m. longwire, dxldyg via DX LISTENING DIGEST)

** KOREA SOUTH. 6135, Voice of Freedom (clandestine) (presumed), 1212-1317, March 23. Unusual day with no white noise jamming from N. Korea; series of monologues in Korean; some Korean pop songs; fair-good. My audio at
<https://goo.gl/PheZXU>
(Ron Howard, Asilomar State Beach, CA, Etûn E1, antenna: 100' long wire, dxldyg via DX LISTENING DIGEST)

** KOREA SOUTH. 6215, V24 ["The Parrot"-S. Korean #s station] *1500-1509* 17 March. Opening with a K-pop tune ("Shouldn't Have" by Baek A. Yeon) then Korean number groups. Big thanks to
<http://www.radio.chobi.net/DX/data/V24KoreanNumbers.html>
for song title/sked & reputed transmitter site [which is also used for VOH 4885/6250]. (Dan Sheedy, Moonlight Beach, CA E5/6m X wire, DX LISTENING DIGEST)

** KYRGYZSTAN. 4819.894, Kyrgyz R1 from Bishkek Krasnaya Rechka site at 1328 UT [selected SDR options, span 12.5 kHz RBW 15.3 Hertz]
(Wolfgang B, schel, log of monitoring on remote SDR unit located in eastern Thailand, March 17 at 1030-1330 UT, dxldyg via DX LISTENING DIGEST)

** LAOS. 6129.998, Laotian National Radio Vientiane, female presenter in probably Lao language at 0101 UT on March 23, followed by music program, but rather western modern music, not SE Asian folkloric style, S=9+10dB or -61dBm signal on remote SDR unit in eastern Thailand neighbourhood. To mention Lao Radio Vientiane was on exact even frequency lately, but now wandered 2 Hertz down to lower sideband [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang

B,schel, 0030-0300 UT on March 23, log on remote SDR unit in eastern Thailand, BC-DX 23 March via DXLD)

** LIBERIA. 6050, ELWA Radio, Monrovia, 0731-0737, 19-03, English, religious comments. 14321. Also 0635-0647, 20-03, religious songs, English, comments, 24322 (Manuel MÈndez, Lugo, Spain, Logs in Friol and Lugo, Tecsun PL-880, Sangean ATS-909X, Sony ICF SW7600G, Cable antenna, 8 meters, dxldyg via DX LISTENING DIGEST)

6049.998, ELWA Monrovia Liberia, S=6-7 at 0625 UT [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang B,schel, morning log of 49 mb at southern Germany at 0559-0720 UT, March 22, dxldyg via DX LISTENING DIGEST)

** LIBYA. Tripoli aligned its MW transmitter km8 now rather on 1053.006 kHz, heard at 0700 UT on March 22, on remote unit in southern Italy. Was previously on odd frequency of 1053.1015 kHz

LBY Tripoli km8-westwards from harbour central point.
MW Tripoli 1053 kHz 50 kW; 1404 kHz 20 kW
32 51 32.39 N 13 04 39.83 E

<<http://maps.google.de/maps?q=32%C2%B051%2732.39%22N++13%C2%B004%2739.83%22E&hl=de&ie=UTF8&ll=32.858672,13.077765&spn=0.003407,0.006968&sll=51.151786,10.415039&sspn=20.897603,57.084961&vpsrc=6&t=h&z=18>>

4 mast in the background
<<http://static.panoramio.com/photos/original/30852093.jpg>>
[selected SDR options, span 12.5 kHz RBW 15.3 Hertz]
(Wolfgang B,schel, wwdxc TopNews March 22, BC-DX 23 March via DXLD)

I think they have jumped also before between nominal and 1053.1 kHz.
73, (Mauno Ritola, mwdx yg via DXLD)

** MADAGASCAR. Summer [sic] A-16 of WCB Madagascar World Voice
0100-0200 9665 MWV 100 kW 040 deg to SoAS English
0200-0300 6190 MWV 100 kW 250 deg to SoAM Spanish
0300-0400 6150 MWV 100 kW 265 deg to SoAM Spanish
0400-0500 9480 MWV 100 kW 295 deg to CeAF English
1800-1900 9570 MWV 100 kW 355 deg to EaEUR Russian
1800-1900 17640 MWV 100 kW 310 deg to CeAF English
1900-2000 11945 MWV 100 kW 355 deg to NE/ME Arabic
1900-2000 13710 MWV 100 kW 340 deg to EaAF Arabic
2100-2200 11615 MWV 100 kW 325 deg to WeEUR Chinese
2200-2300 9455 MWV 100 kW 055 deg to EaAS Chinese
2200-2300 11770 MWV 100 kW 325 deg to NoAF Arabic

MADAGASCAR/ALASKA 1st Quarter 2016 - WCB News Update:

HOW SOON WILL WE BE ON THE AIR FROM MADAGASCAR?

Our staff represented us in January at the meeting of the High Frequency Coordinating Council before returning to Madagascar. This is the equivalent to the FCC here in America. We will finalize all the steps necessary to officially begin broadcasting March 27!

Various computers and electronic systems are being installed now at the new station.

The team from Continental Electronics is currently there to sign off on all the connections to the transmitters. Following that, we will turn on the new station, and testing of the new equipment, radio frequencies and antennas will begin.

Programs will begin broadcasting to the Middle East in Arabic, to Africa with English for Africa programs and in Spanish to South America. New areas in Russia, China and the Pacific Rim will hear the gospel from the Madagascar station.

WHAT HAS BEEN HAPPENING WHILE WE HAVE BEEN WAITING ON THE NEW STATION TO BEGIN BROADCASTING?

Broadcasts in Spanish have been covering Cuba and most of Latin America several hours each week from time purchased from three Spanish radio stations. Twenty (20) hours of programs each day have been sent out from Station KNLS in Alaska. Ten hours of Mandarin Chinese, five hours of English and five hours of Russian broadcasts have been blanketing about half the world each day. Over six million hits occurred on our six websites.

A new transmitter has replaced the 32-year old transmitter, which gives us a solid infrastructure there for the next 20 years.

FOR WHAT SHOULD WE BE PRAYING AT THIS EXCITING TIME?

Pray for a successful time of testing at the new station. Pray for more listeners. Pray for courage in our listeners who live in areas hostile to Christianity. Our staff who writes and records all of our programs covets your prayers. Please pray that they will know the needs of their listeners and their programming will have the ability to connect billions of people with the gospel of Jesus Christ. Pray for all of the donors of World Christian Broadcasting that they will continue to support this God blessed ministry to make a genuine impact in The Middle East, Russia, China, Africa, South America, India, and many other areas that will receive our signal. [...]

Andy Baker <abaker -at- worldchristian.org> phone 615-417-3906
(dxld [sic] March 16) (BC-DX 23 March via DXLD)

Updated A-16 of Madagascar World Voice

0000-0100 on 9600 MWV 100 kW / 040 deg to CeAf English

0100-0200 on 9665 MWV 100 kW / 040 deg to SoAs English

0200-0300 on 6190 MWV 100 kW / 250 deg to SoAm Spanish

0300-0400 on 6150 MWV 100 kW / 265 deg to SoAm Spanish

0400-0500 on 9480 MWV 100 kW / 295 deg to CeAf English

1800-1900 on 9570 MWV 100 kW / 355 deg to EaEu Russian

1800-1900 on 17640 MWV 100 kW / 310 deg to WeAf English

1900-2000 on 11945 MWV 100 kW / 355 deg to N/ME Arabic

2000-2100 on 13710 MWV 100 kW / 340 deg to EaAf Arabic

2100-2200 on 11615 MWV 100 kW / 325 deg to WeEu Chinese

2200-2300 on 9455 MWV 100 kW / 055 deg to EaAs Chinese

2200-2300 on 11770 MWV 100 kW / 325 deg to NoAf Arabic

2300-2400 on 9535 MWV 100 kW / 055 deg to EaAs Chinese

<http://swldxbulgaria.blogspot.bg/2016/03/updated-16-of-madagascar-world-voice.html>

-- 73! (Ivo Ivanov, QTH: Sofia, Bulgaria, Equipment: Sony ICF-2001D 30
m. longwire, dxldyg via DX LISTENING DIGEST)

Note addition of another English, 00-01 on 9600, middle of night in
Central Africa, but seemed to be missing (Glenn Hauser, DXLD)

** MADAGASCAR. 6065, AWR, *0258, March 18. At sign on a partial ID in
English " . . World Radio, Voice of Hope" (not to be confused with the
new station in Zambia - "Voice of Hope," which will eventually be on
this same frequency); religious music; very poor.

6065, AWR, *0258, March 21. Again with "Voice of Hope" ID; thanks to
Bill Bingham (RSA) for his input, as he also had heard the very same
ID and learned that VOH is not part of the usual AWR ID, but is
instead probably a program ID for a show that AWR produces. Very
helpful info! (Ron Howard, Asilomar State Beach, CA, EtÛn E1, antenna:
100' long wire, dxldyg via WORLD OF RADIO 1818, DX LISTENING DIGEST)

** MADEIRA. 1530, Posto Emissor do Funchal, Poiso, 1953-2005, 19-03,
Portuguese, comments, ID "Posto Emissor do Funchal". Interference from
VoA [SAO TOME] on same frequency. 12221 (Manuel MÈndez, Lugo, Spain,
Logs in Friol and Lugo, Tecsun PL-880, Sangean ATS-909X, Sony ICF
SW7600G, Cable antenna, 8 meters, dxldyg via DX LISTENING DIGEST)

** MALI. 5995, R. Mali, Kati, 2242-...., 17/3, francís, canÁies, texto;
55433, modulaÁ,,o extremamente fraca.

9635 idem, 1104-1230, 18/3, dialecto local, canÁies tradicionais, ...,
prgr. em francís, texto; 25442, modulaÁ,,o extremamente baixa. Good DX
& 73, (Carlos GonÁalves, SW Coast of Portugal, March 24, DX LISTENING

DIGEST)

5995, Mar 19, 2016. 2218-2223, RTV du Mali, Bamako. Open carrier (S=3), dead air or unlistenable (At 2253-2300 UT, open carrier, YL talks, but barely audible in rare moments; generally unlistenable). (DXer - JosÉ Ronaldo Xavier (JRX), Cabedelo - PB, Brazil, Sony ICF-SW100S Portable, Telescopic antenna, Hard-Core-DX mailing list via DXLD)

** MEXICO. [Re Radio Formula still heard on 1030:] Well well, looks like XEYC actually *returned* to 1460. It was originally licensed for 1460 when the concession was issued in 1949. A 2000 concession renewal says 1030, but not the 2010 renewal which has it back on 1460. Looks like it took them five years or so to return to 1460.

<http://rpc.ift.org.mx/rpc/pdfs/090252648002bd9c.pdf>

[original 1949 license document, carbon copy from manual typewriter on yellowed paper, with various rubber stamps and punches]

(Raymie Humbert, AZ, March 17, WTFDA Forum via DXLD) O yeah? ---

1030, March 19 at 0232, I'm checking further into the Radio F rmula I heard still on this frequency, despite reports that XEYC Ju rez had moved to 1460, as discussed in previous log. (I'm splitting time with another SS on 880, which turns out to be WIJR in IL; see USA domestic logs.)

1030 is all-talk, typical of F rmula, someone on phone and someone in studio. This one is close to E/W, or WSW/ENE, which fits for Ciudad Ju rez. Occasional QRM from another SS, yelling about inmigraci n, further south, perhaps Radio Centro, DF.

0252, welcoming a new caller, Gabriela, who talks about ``la compa  a petrolera``. This is generally atop, but lots of QRM. 0258 PSA by YL about C mara de Diputados, how many women have been elected to participate, then called C mara de Diputadas y Diputados. 0259 can't pull an ID, just ``Colonia Centro`` as location of station, which could apply to countless cities. I would not be surprised if local XEYC ID is never inserted anyway, just plugged into XERFR 970 in the DF networked nationwide. 0305 financial news items about employment rate improved in January, 17.77 exchange rate for peso/d  lar. At 0313 ad/PSA? for Partido Verde; 0314 bit about Do  a Lara's pollos fritos in Aguascalientes, along with la comida t pica at Feria de San Marcos in Ags; finally, ``en Radio F rmula, M xico tiene sabor``, reference to Grupo F rmula website; no local IDs (Glenn Hauser, OK, DX LISTENING DIGEST)

** MEXICO. 1300, UT Monday March 21 at 0423, government talk presumed `La Hora Nacional`, and also presumed XEP Ju rez, usually 38 kW day power dominator here, so running this weekly show at 10 pm local MDT =

CST/HCM as border city is already on DST to go along with El Paso. DST in the rest of Mexico does not begin until April 3 after two sesquiweeks of confusion (Glenn Hauser, OK, DX LISTENING DIGEST)

** MEXICO. Rather slow this week but here: 6185 kHz, Radio Radio Educaci n, 0238 UT March 17 in Spanish with their beautiful music and soft talk programming. Good. Became fluttery by 0315. Also heard very good March 18th at 0148 with IDs at 0156:30. Noisy by 0200 UT. 73 (Mick Delmage, Sherwood Park, Alberta, RX: Perseus SDR, Ant: Wellbrook Loop, March 20, DX LISTENING DIGEST)

** MEXICO. DENUNCIAN DESMANTELAMIENTO DE RADIOS COMUNITARIAS

La Procuradur a General de la Rep blica (PGR) desmantel  violentamente de forma simult nea cuatro radios comunitarias de la ciudad de Tlaxiaco y detuvo a dos ind genas un triqui y un mixteco, denunci  el Centro de Derechos Humanos y Asesor a a Pueblos Ind genas y la Casa de los Derechos de Periodistas.

Los defensores Maurilio Santiago Reyes y V ctor Ruiz Arrazola, precisaron que alrededor de las 10:30 horas de este s bado 19 de marzo, un grupo de unos 60 agentes de la Unidad Especializada en Investigaci n de Delitos contra los Derechos de Autor y la Propiedad industrial de la PGR irrumpi  en las radios comunitarias y se llevaron detenidos al ind gena triqui Heriberto Mart nez Hern ndez y al mixteco H ctor Cruz.

Dijeron que lo preocupante es que el ind gena triqui, originario de San Mart n Itunyoso, es una persona ajena a la radio comunitaria,  nicamente renta un cuarto en el edificio donde se ubica la radio La Tlaxiaque a, mientras que H ctor Cruz solo efectuaba trabajo de limpieza en la radio La Perla de la Mixteca. Los elementos de la PGR, adem s, se llevaron los equipos de transmisi n, de c mputo, y documentaci n (Proceso via GRA blog March 20 via DXLD))

** MEXICO [and non]. RAYMIE'S MEXICO BEAT this week ---

BREAKING NEWS: Hi ho, hi ho, to 400 kHz we go...
https://twitter.com/IFT_MX/status/710622009370103808
as the IFT approves the new FM technical regulations that will reduce station spacing across the country to 400 kHz and open the floodgates to a bevy of potential new stations, including in the country's major cities.

A Disposici n T cnica of Seismic Proportions

Until now, the only place in Mexico where full-power Mexican stations operated within 400 kHz of each other was in Tijuana, where

such spacing was regular on the FM dial. There were also several 400 kHz stations in Mexico City, all of them operated by universities (Ibero, UAM and the IPN), and a station at 600 kHz (XEQR-XHIMR).

The floodgates are now open to new radio stations in much of the country. Regions in the 320km coordination area are less likely to benefit unless the US consents to additional stations, though even in Monterrey, Tijuana and Saltillo there are unused FM frequencies.

Who wins and who loses?

Winner: Public radio, particularly the SPR. The SPR's radio project has been hamstrung by spectrum availability issues. Last year, the SPR applied for some 20 FM radio stations and only managed to get two frequencies ó Mazatlán and Tapachula. The SPR will likely have the inside track on radio stations in much of the country as part of the federal government. Congress has also expressed interest in expanding its TV operation to radio in Mexico City, much in the way C-SPAN here did in Washington D.C.

Winner: Social and community radio applicants. The IFT has a nasty habit of turning down feasible community radio station proposals, such as one in the state of Puebla, for lack of adequate spacing. That will change very quickly. Also it will be easier to technically justify new stations in the 106-108 MHz social reserved band, which now can fit 5 stations instead of three.

Winner: Radio groups that want to expand. If you are Multimedios Radio, you are savoring the opportunity to expand into the huge Mexico City market.

Winner: Stations in major cities that could not migrate. There is going to be a battle for these in Mexico City. Radio S.A. is pretty happy right now. Expect to see Radiorama, ABC Radio, Radio Educación and others jockeying for frequencies in the nation's capital.

Winner: Listeners. They'll have as much choice as their counterparts in most other countries now, particularly in urban areas.

Winner/loser: DXers. There will be many more stations to DX, but at the same time new stations could potentially block other catches in Mexico. It will also be harder for DXers within Mexico to pick up distant stations as new locals spring up.

Loser: CIRT. The CIRT did not like a station spacing reduction, saying the market was not growing fast enough to allow new competitors. The IFT said no to their proposal.

Loser: Radio groups that dominate particular markets. If you are Multimedios Radio, you are worried about competition flocking to your home turf of Monterrey and you know you cannot pick up more stations.

[tagline:] Este programa es p'blico, ajeno a cualquier partido político. Queda prohibido el uso para fines distintos a los establecidos en el programa. Read my Mexico Beat blog (Raymie Humbert, Phúnix AZ, March 17, WTFDA Forum via DXLD)

I hope it's boon for Mexican community radio, but the band may simply be crowded with copycat corporate formats and unneeded repeaters / translators as has happened here in the US. If only the FM band would be expanded, not packed thicker. (Yes I keep harping on this.) Mexico doesn't use TV channels 2-6 anymore anyway.

:: Ryan Grabow
:: egrabow.com/dx
:: facebook.com/egrabow440
:: youtube.com/user/egrabow440

View My Logbook

90 Digital TV ::

355 FM Stations ::

(Ryan Grabow, Fort Myers FL, March 18, *ibid.*)

Repeaters and translators, not so much because only the shadow channel regime exists for that. Potential new corporate formats, yes. In any event, this isn't packing the band crowded so much as it is moving to the same station spacing used in most other places.

óóó

The DOF ran the analog shadow continuity program today so we have our first look at it,

<http://www.ift.org.mx/sites/default/files/conocenos/pleno/sesiones/acuerdoliga/dofpift09031678.pdf>

but there are not many interesting items (Raymie, March 18, *ibid.*)

I wonder how my old FM receivers from the early 70s would have performed in these days of 400 kHz spacing. I remember when Miami had 96.3 and 97.3, 1 whole MHz apart -- but on those old receivers, you still could not hear anything in between unless DX was phenomenal/cd (Chris Dunne, Pembroke Pines FL, *ibid.*)

The FCC's initial FM rules after World War II called for 400 kHz spacing. For example, the 1947 Broadcasting Yearbook listed the following Chicago stations:

WEFM-98.5
WGNB-98.9
WBBM-FM 99.3
WDLM-99.7
WEHS-100.1

I suspect that indeed proved too close for 1947 receivers
(Doug Smith W9WI, Pleasant View, TN EM66 <http://www.w9wi.com> *ibid.*)

So, the 106-108 MHz band in Mexico is the south of the border analog to our 88-92 MHz band? Is there a similar non-commercial or social use band in Canada? (Daniel KC9HZN, Danville, IL, EN60, *ibid.*)

Along with the AM expanded band, yes. There is an important semantic difference between noncommercial radio in the US and social use radio in Mexico.

Noncommercial radio in the US covers what would be considered the social and public use categories. Public stations are defined as those held by agencies of the federal, state and local governments, including public institutions of higher education. Social stations are those owned by civil associations and private educational institutions (incorporated as S.C. "Civil Societies"), as well as noncommercially by private individuals. What few religious stations that do exist are social use, owned by civil associations (but never religious associations). New public use stations will not be found in 106-108 MHz.

Social use has two further subcategories: community and indigenous. Only one station has been awarded a social use-community concession, 106.7 FM Hermosillo, Sonora, owned by Autogesti n Comunicativa, A.C. <http://www.amarcmexico.org/index.php/amarc/informacion/comunicados/item/524-la-concesion-se-otorga-despu s-de-casi-cuatro-a os-de-lucha-por-el-reconocimiento> (still do not have calls for this). There are no indigenous stations yet.

Additionally, given there are already many stations operating in the social reserved band on FM, alternative frequencies will be made available in those areas to compensate.

Stations that do not fall into either of these categories tend to have originally been sought as permits   and given the IFT is dealing with a years-long backlog of these, new stations like XHMVM, XHLCE or XHZAE-TDT are being awarded as social use but with no subcategory (Raymie, March 19, *ibid.*)

There are no similar spectrum reservations in Canada. Kinda. There are different *categories* of station, in the same way there are in Mexico but with different specific categories. I'm going to get these wrong but I think they'd include:

- CBC
- Commercial

- Ethnic Commercial
- Community
- Campus
- Native (First Nations)
- Religious

Stations of any type may operate on any frequency as long as that frequency is acceptable from an engineering standpoint.

Canada does appear to have tried to (informally?) reserve 88-92. There are quite a few commercial stations in 88-92 spectrum -- CIND 88.1 Toronto, CKMP 90.3 Calgary, CHBN 91.7 Edmonton, CIMX 88.7 Windsor among others. The latter has existed on that frequency since 1967. It was the only frequency available due to proximity to Detroit. But of the five stations in 88-92 in Toronto, four are either campus, CBC, or ethnic. (and the fifth was a campus station until it lost its license in 2011) ALL stations in 88-92 in Winnipeg are CBC. There's only one commercial station in 88-92 in Calgary, and only one in Edmonton.

In Canada, a station doesn't need to be "commercial" in order to sell airtime. Other categories may sell, but generally aren't allowed to sell *as much* airtime.

In the U.S., stations operating in the "reserved band" must be licensed to an educational institution and used to advance an educational program. Both definitions are very loose. Religion is a perfectly valid subject on which to educate, and religious denominations and specific churches may operate reserved-band stations (there is no such thing as a "religious station" in the FCC regulations). One of the first institutions in line for a FM license when the non-commercial service was created was the State of Wisconsin. They used their stations for traditional classroom education. And, they used them for adult education, including agricultural information and classical music (and University of Wisconsin sports).

Non-commercial stations may not sell airtime to for-profit entities. (interestingly, it appears to be legal to sell airtime to *non-profit* organizations) Stations may acknowledge voluntary contributions on the air.

Stations in the reserved band must be non-commercial, but non-commercial stations may be authorized on any frequency. For example, the NPR station on 93.9 in NYC. That, and while a commercial station is *allowed* to sell airtime, it is not *required* to do so (Doug Smith W9WI, Pleasant View, TN EM66 <http://www.w9wi.com> March 19, *ibid.*)

I think those are important. The lines get blurry with noncommercial and commercial stations, and the new social use classifications make it very complicated.

Social use concession stations can solicit 1% of their income to come from federal advertising. There are two HUGE catches to this funding source, which was introduced in 2014:

- There is no unified portal for this, so a station would have to go around to all the federal agencies and get the funds;
- Most noncommercial stations have not yet been moved from permits to concessions. AMARC has been yelling at the IFT to hurry up and change over more permits to concessions.

I did not know this, but Article 85 of the LFTR includes a really interesting provision:

"The [IFT] may donate, to social use concessionaires that provide broadcasting services, transmitters that have become property of the Nation as a result of proceedings and cases of asset forfeiture due to use of spectrum without holding a concession."

So a social use broadcaster can receive and use a former pirate radio transmitter. Public use stations do not have this facility as they are expected to be funded by some governmental means (Raymie, *ibid.*)

So what's the difference between a permit and a concession station? It seems that both would be "licensed" in the American sense (Daniel KC9HZN, Danville, IL EN60, *ibid.*)

From 1960 until (legally) 2014, permits were noncommercial licensed stations and concessions were commercial licensed stations.

The LFTR calls for permits to be converted to public and social use concessions, so there are now three categories instead of two, but all are concessions (Raymie, *ibid.*)

On another topic, there is something bothering me lately.

Late last year, the IFT put out a public opinion on the guidelines for the SNII - National Infrastructure Information System. I was so excited about the idea of a database for all broadcast information in Mexico, a proper database. Unfortunately, there were disturbing trends, as I mentioned in November:

Among the requirements of the new system is that broadcasters will have to put into the new system information about the technical characteristics of their transmission facilities ó coordinates,

transmitter information, antennas, feeders, amplifiers, retransmitter information, etc. The new system would likely begin operation in 2017.

The main problem is the way access to this is being restricted in the proposed guidelines. It looks like they are making this information rather reserved and confidential ó understandably in some regard. Reading the General Law on Transparency and Access to Public Information, I think they might consider it too much of a national security risk to release.

I can understand some of the concern. Attacks on telecommunications facilities can be dangerous, particularly on the telecommunications side. From time to time, vandalism of broadcast facilities does happen, as I reported in this space with the television shadows in Tixtla, Guerrero ó the closest broadcast stations to Ayotzinapa.

My concern prompted me to file a public comment with the IFT on the matter. However, the IFT earlier this month did something that has me worried again.

The Edomex state network applied to vacate the 600 MHz band, and the authorizations for this have been labeled "Reserved and Confidential". Now, this is not something that the IFT has made reserved in the past.

I have covered cases of stations with channel change authorizations before, mostly Televisa. In Ciudad Obregón (XHCD0 from 45 to 36), Zacatecas (two stations) and Torreón (two stations), Televisa has moved television stations to lower channel numbers despite previously having authorized facilities on other frequencies. In addition, when Cadena Tres filed to move 31 stations off the 600 MHz band and ultimately had to change 45 channel allotments, that was published by the IFT and inserted into the relevant file in the RPC.

However, that was not the case this time. If you read the list of documents from the IFT's VII Ordinary Session, held on March 9, you will note this.

<http://www.ift.org.mx/conocenos/pleno/sesiones/vii-ordinaria-del-pleno-9-de-marzo-de-2016>

Other items are labeled "Public" or "Public Version" (which usually means personal information has been redacted).

(If you are wondering where these stations will go, I suspect channels 20 and 34 for Toluca and Pico Tres Padres. The XHGEM shadows were all applied for on 20 but assigned 51. The XHPTP shadows were intermittent operation in analog and so remained on 34.)

At no point should this information be redacted. Broadcasting is considered a public service, and the availability of technical

information for broadcast stations is important.

The IFT has not updated its tables in seven months, and I worry the reason dovetails with this. (This update will likely be massive given the digital transition and moves to repacking; however, the availability of these documents through the RPC has mostly counteracted our complete lack of new information.) However, the tables are important because they also provide a list of all authorized stations (particularly on FM). The table has been used to show advertisers, federal agencies and others which stations are or are not authorized (Raymie, March 20, *ibid.*)

Gabriel Sosa Plata's weekly SinEmbargo column is out, and it's about the move to 400 kHz

<http://www.sinembargo.mx/opinion/22-03-2016/47445>

though there's not exactly much new about it (Raymie, March 22, *ibid.*)

** MYANMAR. Myanmar Radio (a.k.a. "Myanma Radio")

Posted to "English Program, Myanma Radio" at Facebook:

<https://www.facebook.com/English-Program-Myanma-Radio-704110519623905/timeline>

Greetings from California! Today (18 March - Friday) had the pleasure of hearing Myanmar Radio via shortwave (5985 kHz.) at 10:05 PM MMT (1535 UTC), with the NHK (Japan) produced program "Friends Around The World," with Mr. Lucien Kouakou as a guest and talking about an upcoming International Conference regarding Japan's support for African development (known as TICAD).

An interesting program! I always enjoy hearing Myanmar Radio and your wonderful programming in English. Thank you! Wish all the staff at Myanmar Radio continued success!! Best regards, Ron Howard (via Ron, dxldyg via DXLD)

6164.996, Thazin Radio, from Pyin U Lwin northern bcst center site, 0056 UT on March 23, S=9+10dB or -63dBm proper signal heard in eastern Thailand remote unit. Light mx singer performed.

6029.993, Thazin Radio, from Pyin U Lwin northern site, English service at 0136 UT on March 23. Program schedule forecast read by female presenter at 0137-0138 UT on March 23. S=9+15dB or -56dBm proper signal heard in neighbouring eastern Thailand remote unit.

5914.992, Myanmar Radio Naypyidaw in 0150 UT time slot. Sweet soft smooth Burmese female talk presenter. S=9+10dB or -64dBm signal in eastern Thailand remote unit. Thazin Radio / Myanmar Kachin Radio, from Pyin Oo Lwin and Myanmar Radio on single 5915 kHz from new capital Naypyidaw erected in 2008 - 2009 year by MW Nautel, and SW

BBEF Beijing in Pyin Oo Lwin / RIZ Zagreb in Yangoon Yegu site units.

7200.104, When checked at 0153 UT on March 23, Myanmar Radio of Yangoon Yegu site was on air, much distorted audio, seemingly older TX unit and final tube stage was wrong. S=9+15dB or -62dBm morning path signal at 0154 UT March 23.

9589.994, Thazin Radio from Pyin Oo Lwin site, S=8 or -78dBm signal heard at 0230 UT on March 23. Fluttery signal, local Burmese pop music singer.

9729.9985, Accurate frequency of Myanmar Radio heard at 0236 UT on March 23, S=8 or -81dBm signal probably from Rangoon Yegu site? Mixed Burmese and English sentences program. Different modulation, music parts was broadband noted, but spoken part very narrow bandwidth heard and visible of only 2 kHz wide! [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang B. schel, 0030-0300 UT on March 23, log on remote SDR unit in eastern Thailand, BC-DX 23 March via DXLD)

** NETHERLANDS [non]. I just sent this to Uncle Eric van Willegen:

``Eric, I have not heard yet whether you will be continuing the North American SW broadcasts. I must tell you that the 6040 service from Nauen is not well received here in mid-America, Oklahoma. Tonight (UT March 20), it's only S6, and there is always that het from Brasil on 6040.3 or so. At 0205, I can recognize your voice but can't understand what you are saying.

I hear that you once considered and rejected being on WRMI or WBCQ. I don't understand this. For instance, at this very same time if you were on the WRMI 5850 transmitter, your signal would be inbooming at S9+30! Currently WRMI is running Brother Stair on this and many other frequencies. I would hope they could make room for you, as BS is duplicated over and over and over, and if they take him off 3 hours, they could put him on 3 hours more on some other frequency.

I have no idea what MBR is costing you or what WRMI would really cost you, but surely it is worth considering. That will not guarantee you more advertisers, but it will assure you a much greater audience in North America, which could lead to more advertising support.

WRMI does have this offer on their website: ``No other broadcast medium can give you such a large coverage area for such a small cost. Airtime blocks on Radio Miami International cost as little as \$1.00 per minute for bulk airtime purchases. For more information, contact us.``

So your three hours a week would run \$180 at that rate. The best

azimuth is 315 degrees which aims right across North America (including me), but anything from 285 to 355 would be a great improvement over your beam from Nauen.

I would also suggest you consider a weekend afternoon (local time) broadcast on WRMI across North America on a higher band, like 13 MHz. On Saturday evening there is much more programming competition, from WBCQ programs, pirates, etc. Not to mention people who aren't listening to radio at all but going out on Saturday nights.

These are my personal suggestions trying to help you, and not prompted by WRMI. 73, Glenn Hauser, WORLD OF RADIO, Enid OK

PS: I tried to submit this on your website contact form but never got an acknowledgment it was submitted!'' (Glenn Hauser, DX LISTENING DIGEST)

Hi Glenn, Thank you for your reaction, it's much appreciated! We will soon decide if we continue or that we stop. So far, we will continue till April 17th on 6040. Normally we would have switched again in May to 9925. That works well for the summer period.

In Europe we close down on 6095 on March 27th, but thanks to several donations from our listeners in the USA we can stay longer on the air to the USA.

If we continue we will talk with WRMI and WBCQ and discuss with them what is possible. We have special rates from Media Broadcast, because they want us to stay on the air as well. Yes another option is Sunday afternoon, same as what we are doing here in Europe on 6095.

Will check with our webmaster why it wasn't accepted via the website contact. Have a great week and thank you for your support. Best regards, (Eric van Willegen, KBC RADIO 1602AM / DAB+
<http://www.kbcradio.eu>
<https://www.facebook.com/TheMightyKbc>
<http://www.k-po.com/index.php?dir=banner>

Buy from our sponsors:

<http://www.worldreceiver.eu>
<http://www.k-po.com>

March 20, WORLD OF RADIO 1818, DX LISTENING DIGEST)

** NEW ZEALAND. 11725, Thu March 17 at 0605, NO signal from RNZI in AM. This is supposed to start at 0459. Website warns,

``NB: Every month on the first and third Wednesday it is Maintenance day at our transmitter site from 2230 to 0600 UTC. (Thursdays 1030 -

1800 NZST) During this period there may be interruptions to our programmes.``

Well, this is the third Wednesday, and if the maintenance is done by the local clock, that would make it ending at 0500, since they are still on DST of UT +13. (There also used to be a DRM companion frequency of 11685-11690-11695 starting at 0650 weekdays, but that has been replaced by 9775-9780-9785) (Glenn Hauser, OK, DX LISTENING DIGEST)

** NICARAGUA. 539.84, Radio Corporaci n, Managua. 1115 March 19, 2016. Man and woman chatter in studio with constant rooster crowing SFX, into folk vocal 1118. Exceptionally good signal today.

720, Radio Cat lica, Managua. 1119 March 19, 2016. Inspirational words by female, then male, choral-orchestral vocal fill, ID, long choir vocal with constantly repeating lyrics, female ID again at 1126. Good. To be avoided and not confused with KSAH [San Antonio TX] Spanish Christian programming when pointing the loop ~45 degrees that way.

800, Radio 800, Managua. 1045 March 19, 2016. Big signal and alone on channel with Spanish ballads, live male DJ ID 1047, station promo, Managua ads, into rustic folk vocal with accordion, listener phone calls patched in. Parallel live stream at <http://www.ustream.tv/channel/radio-800-nicaragua> and <http://www.radios.co.ni/800-am/> and oddly this Spanish domain <http://radio800.es/revista/> running nearly parallel time (Terry L Krueger, Clearwater FL, DX LISTENING DIGEST)

** NIGERIA. Tuned-in too late, at 0658 UT, the grey-line is now out midst on the Atlantic Ocean, and path Nigeria to Germany is real in broad daylight. So, I could only 'see' two strings visible on screen:

6089.959, V of Nigeria Kaduna channel, measured accurate fq, next to even Anguilla prayer program on 6090 kHz even.

7254.939, V of Nigeria in probably Hausa lang around 0700 UT on Sunday March 20, next to even Belarus R Minsk on even 7255.0 kHz. 73 wb df5sx (Wolfgang B,schel, dxldyg via DX LISTENING DIGEST)

** NIGERIA [and non].

6090.001, Anguilla sermon

6089.956, BRAZIL, ZYE956, R dio Bandeirantes, S o Paulo SP.

6089.857, NIGERIA, Radio Nigeria Kaduna regional domestic service, S=9+5dB real morning path from West Africa into Europe [selected SDR

options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang B.schel, morning log of 49 mb at southern Germany at 0559-0720 UT, March 22, dxldyg via DX LISTENING DIGEST)

** NIGERIA. I have not heard the whining transmitter for approx. two weeks, or any other at daytime from 0900-1800 on 9690, 11770 or 15120 despite regular checks. "Livestream" at voiceofnigeria.org.ng now also includes newscasts (VONscope, 0800 edition from Abuja), but these may be several days old and repeated every few hours. No frequency given. 73 (Thorsten Hallmann, Münster, Germany, March 20, (recently updated:) <http://www.muenster.org/uwz/ms-alt/africalist> dxldyg via DX LISTENING DIGEST)

** NIGERIA [non]. FRANCE, Summer A-16 of Manara Radio via TDF/MBR 0730-0830 on 15440 ISS 150 kW / 170 deg to WeAf Hausa 1600-1700 on 17765 ISS 150 kW / 170 deg to WeAf Hausa <http://swldxbulgaria.blogspot.bg/2016/03/summer-16-of-manara-radio-via-tdfmbr.html> (DX RE MIX NEWS # 944 from Georgi Bancov and Ivo Ivanov, March 21, 2016, via DXLD)

** NORTH AMERICA. GERMANY? 6150 - Un-ID English broadcast at 2130-2248 UT on March 20, 2016 - Program of classic rock music, Queen, Steely Dan, with canned announcements after every 3 - 4 songs. Audio was just muffled enough to prevent any positive ID. I did hear a positive mention of the frequency and then a very tentative "Radio 90 International" but I am not more than 50% on this. I know that there is a transmitter in Datteln, Germany registered here with programs of Europa 24 listed. I wouldn't rule out this ID but it certainly didn't sound like this. The signal was fair but the band noise was pretty high and, as I said previously, the audio was muffled. I had also heard this the previous week, on Sunday, with even worse reception. Anyone with any current information on this, it would be greatly appreciated (Stephen C Wood, Harwich, Mass., dxldyg via DXLD)

The pirate Radio Illuminati was active during this time period. Check the hfz logs for more info (Chris Lobdell, NASWA yg via DXLD)

Hi Chris, Saw your log in the Flashsheet and noticed your mention of the "Facebook" announcement. That was something that I definitely heard so I guess it was Illuminati that I heard. Thanks for the info. (Stephen C Wood. Harwich, MA, ibid.)

** NORTH AMERICA. 6925.15-AM, Solar Centric Radio, 0106-0150*, March 21. Mostly fair reception; very different programming than any pirate that I have heard before; lecture by a person who, when he came out of a coma, experienced a higher level of consciousness; "The universe is a hologram. The mind is a hologram"; ending with - "Hello, hello. Happy equinox everybody. Happy green equinox 20-16.

Happy equinox from Solar Centric. Solar Centric"; during lecture there was background music. Rather an unusual pirate!

My edited audio, starting with ID, then portions of the lecture, at <https://goo.gl/ihk5Wf> (Ron Howard, Asilomar State Beach, CA, Etûn E1, antenna: 100' long wire, dxldyg via DX LISTENING DIGEST)

[pirate] 6925.1a, Solar Centric Radio, 0140-0150* 21 March. Long sermon-ish story, "Happy Green Equinox 2016, from Solar Centric...", the "Happy, Happy, Joy, Joy" song from The Ren & Stimpy Show, another ID & off (Dan Sheedy, Encinitas, CA E5/6m X wire, DX LISTENING DIGEST)

** NORTH AMERICA. Guys: Pirate WJD will be testing tonight 3495 LSB at 11 PM EST [sic; EDT? = 0300 UT]. Please pass this on to your DX friends. 73, (Joe Talbot, Alberta, 0053 UT March 23, via gh, 0216 UT March 23, dxldyg via DX LISTENING DIGEST)

3495-LSB, March 23 at 0256 I start monitoring and hear some wideband noise bursts which may be unrelated. At 0257.5 some rap music starts up, maybe 'novelty' music later, but quite poor and never make out any announcements by 0312; recheck 0319 it's off, but still noise bursts.

Despite the advance publicity, only one other log of this found, at: <http://www.hfunderground.com/board/index.php/topic,27136.0.html> (Glenn Hauser, OK, DX LISTENING DIGEST)

** OKLAHOMA. 1210, March 17 at 2031 UT, another daytime groundwave check of KGYN Guymon. Now it's wavering around S3, not with country music but NCAA BKB from Westwood One, presumably an override (Glenn Hauser, Enid, DX LISTENING DIGEST)

** OKLAHOMA. Formerly silent stations informing the FCC that they are no longer silent: 1340, KJMU, OK, Sand Springs ñ Silent Mar. 17 (2015), on the air Mar. 13 (AM Switch, NRC DX News March 28 via DXLD)

** OKLAHOMA. 1390, Sunday March 20 at 1253 UT, local KCRC Enid is open carrier/dead air except for some hum --- then interrupted a few times per minute by one syllable or another (from ESPN?) breaking thru the silence; still same past 1302 UT, and at 1307-1309 UT totally dead air. This should facilitate DX on adjacent frequencies, but no IDs for something peaking on 1400, and 1380 sounds like the usual KRCM Spanish gospel music from TX (Glenn Hauser, OK, DX LISTENING DIGEST)

** OKLAHOMA. Stations informing the FCC that they are silent: 1490, KBIX, OK, Muskogee ñ Silent Feb. 18, vandalism to transmitter building and equipment (AM Switch, NRC DX News March 28 via DXLD)

** OKLAHOMA [non]. ETERNAL GOOD NEWS SHORTWAVE BROADCASTS COMES TO END

Radioactivity March 22, 2016

Shortwave broadcasts of Eternal Good News has been terminated two weeks ago, the Church has decided to have Eternal Good News on internet web site rather than shortwave radio. The web site will be ready shortly. (Alokesh Gupta)

Global Radio Broadcasts
Sponsored by the Wilshire Church of Christ
Oklahoma City, Oklahoma, USA

More here: Eternal Good News International Radio Broadcasts
<http://www.oldpaths.net/works/radio/wilshire/>
(via Mike Terry, March 23, dxldyg via WORLD OF RADIO 1818, DXLD)

** PAKISTAN. After testing its new 100 kW Nautel NX100 transmitter for almost a month Radio Pakistan, Multan has started its regular transmission on 10th March 2016. Timings :
0545-0930 Hours Local Time (0045-0430 UT)
1100-2300 Hours Local Time (0600-1800 UT)

Related:
<http://alokeshgupta.blogspot.in/search?q=multan>
--- (Alokesh Gupta, New Delhi, India, March 22, dx_sasia yg via DXLD)

WTFK?? 1035 kHz (gh, DXLD)

** PAPUA NEW GUINEA. 3260, March 17 at 1141, music, very poor S6-S4, presumed NBC Madang; sounds like news after 1200 (Glenn Hauser, OK, DX LISTENING DIGEST)

** PAPUA NEW GUINEA. 3260, NBC Madang, 1202-1205*, March 17. "NBC News in Brief"; promo for "NBC TV"; suddenly off; almost fair (Ron Howard, Asilomar State Beach, CA, EtÛn E1, antenna: 100' long wire, dxldyg via DX LISTENING DIGEST)

** PAPUA NEW GUINEA [non]. Hi Glenn, Have been interested to recently find that CRI is no longer signing off at 1257* on 7325 kHz, as they normally had done for a long time, but instead am finding a new sign off time of 1253*. Is this a permanent change? This gives us a slightly longer window of opportunity to check for Wantok Radio Light (7324.95) (PNG), which was not heard at all on March 22 (Ron Howard, California, March 22, dxldyg via DX LISTENING DIGEST)

** PERU. 5980, March 18 at 0058, I'm standing by for the very weak R. Chaski carrier to be hit by the BBC/UAE carrier, but it doesn't happen until 0059:39.5 or so, more than a minute later than usual, still just in time for the Hindi broadcast. Now there is a beat between the two

stations on slightly different frequencies, audible with the BFO offset raising them to audible pitches. I'm back at 0110 standing by again to detect the Chaski cutoff, which happens about 0110:04.5*, which is 36 seconds later than last check 5 nights ago, 0109:28.5* March 13, or averaging 7.2 seconds later per, maybe more than usual with margin of error invoked (Glenn Hauser, OK, DX LISTENING DIGEST)

** PHILIPPINES. 15640 // 17700 // 17820, R. Pilipinas, 0203, March 21; long version of the "PBS . . 7,100 islands. One Philippines. One Nation" song; the usual opening statement from Sammy Coloma (Secretary Presidential Communications Operations) welcoming listeners to R. Pilipinas and acknowledging Filipino overseas workers; all fair (Ron Howard, Asilomar State Beach, CA, EtŪn E1, antenna: 100' long wire, dxldyg via DX LISTENING DIGEST)

** ROMANIA. 7325, UT Sunday March 20 after 0200, weekly classical music concert hour from RRI, worthy of note since classical is so rare on SW. It's also on // 5910, risking heterodyning from Colombia, both to North America. Alan Roe's 'Music on Shortwave' roster shows this is the only time for it among RRI's domestic service relays. A companion 24 hours earlier on UT Saturdays is 'Verba Manent' (archive recordings), Latin title presumably about vocal/sacred? music. The latter appears at one other time, Saturdays at 1300-1356 on 9880.

With the imminent A-16 season we expect all this to shift one UT hour earlier in one week, and to new frequencies: 0100 on 7335, 9790; 1200 on 7375 (Glenn Hauser, OK, WORLD OF RADIO 1818, DX LISTENING DIGEST)

[Verba Manent:] Glenn, Haven't noticed this programme to contain sacred music particularly. My best guess is that each programme is themed in some way and contains some discussion. Programmes have included what I assumed is old film music and archived live recordings (Alan Roe, Teddington, UK, dxldyg via WORLD OF RADIO 1818, DX LISTENING DIGEST)

** RUSSIA. Reception of Adygeyan Radio on March 20
1900-2000 6000 ARM 100 kW / 188 deg CeAs Adygeyan Sun

No change of time and frequency in summer A-16 from March 27
1800-1900 6000 ARM 100 kW / 188 deg Ad/Ar/Tu Mon (ex 7325 in A-15)
1800-1900 6000 ARM 100 kW / 188 deg Adygeyan Fri (ex 7325 in A-15)
1900-2000 6000 ARM 100 kW / 188 deg Adygeyan Sun (ex 7325 in A-15)
<http://swldxbulgaria.blogspot.bg/2016/03/reception-of-adygeyan-radio-on-march-20.html>
-- 73! (Ivo Ivanov, B'lgariya, dxldyg via DX LISTENING DIGEST)

** RUSSIA. RFE/RL CONDEMNS PRESSURE TACTICS AGAINST MOSCOW BUREAU
March 18, 2016

<http://www.rferl.org/content/release-rferl-condemns-pressure-tactics-against-moscow-bureau/27622215.html>

WASHINGTON -- On March 18, RFE/RL's Moscow bureau administrator was approached at her home by two unknown men identifying themselves as journalists with Russia's NTV channel and seeking personal information.

The men, one of whom had a video camera and sought to film the premises, questioned her repeatedly about her income and properties they said she owned in and around Moscow. One of the men said he had received such information from former employees of the Russian Service. The administrator refused to answer the questions.

Nenad Pejic, RFE/RL editor in chief, called the incident "a disgusting example of intimidation," and said that "authorities in Russia appear to be preparing a case against us because of our journalism."

NTV is a Kremlin-controlled channel known for conducting defamation campaigns against independent journalists, opposition journalists, and civil-society activists in Russia.

The incident comes one week after an edition of the popular television program News Of The Week With Dmitry Kiselyov, the Kremlin's lead propagandist, portrayed RFE/RL journalists as spies conspiring against Russia. During the show, Kiselyov announced that a documentary about U.S. international broadcasting would be forthcoming.

RFE/RL's Russian Service, known locally as Radio Svoboda, operates out of a Moscow bureau and RFE/RL's headquarters in Prague. In 2015, Radio Svoboda was the second most-cited radio station in Russian social media, according to the Medialogia agency, right behind Ekho Moskvy.

Last year, 430 million people visited RFE/RL websites, where they viewed nearly 1 billion pages of original RFE/RL content. Within that audience, RFE/RL's Russian-language sites provided 266 million pages of content to almost 170 million visitors. RFE/RL Russian-language Facebook pages registered almost 23 million engaged users last year.

About RFE/RL and its Russian Service

RFE/RL is a private, independent international news organization whose programs -- radio, Internet, television, and mobile -- reach influential audiences in 23 countries, including Russia, Ukraine, Iran, Afghanistan, Pakistan, the republics of Central Asia and the Caucasus. It is funded by the U.S. Congress through the Broadcasting Board of Governors (BBG).

RFE/RL's Russian Service, Radio Svoboda is a multiplatform alternative to state-run media, providing audiences in and around the Russian Federation with timely and balanced news, analysis, and opinion (via Hansjoerg Biener, DXLD)

** RWANDA [non]. GERMANY, Probably in A-16 Radio Inyabutatu will be back on shortwave via MBR, Saturdays from April 2:
1700-1800 on 17605 ISS 100 kW / 144 deg to SoAf Kinyarwanda
<http://swldxbulgaria.blogspot.bg/2016/03/probably-in-16-radio-inyabutatu-will-be.html>
-- 73! (Ivo Ivanov, B'lgariya, dxldyg via WORLD OF RADIO 1818, DX LISTENING DIGEST)

** SOLOMON ISLANDS. 9545, SIBC, 0441-0500*, March 17. In Pijin with music program (Pacific Island pop and in English - "Ob-la-di, ob-la-da, Life Goes On," etc.); suddenly off; poor (Ron Howard, Asilomar State Beach, CA, EtUn E1, antenna: 100' long wire, dxldyg via DX LISTENING DIGEST)

5020.0, March 17 at 1138, very poor carrier with some talk/music, hit by ACI from 5015 WRMI and 5025 Cuba; presumed SIBC (Glenn Hauser, OK, DX LISTENING DIGEST)

** SOUTH AFRICA. 17800.072, March 19 at 1926, BaBcoCk IS catches my ear on a very off-frequency when hardly anything else is audible on 16m (besides 17790 WRMI). It's fading from S9+10 to S8, with some buzz, and cutting on and off a bit. 1930 switch to Adventist World Radio theme, English ID, and ``following program in Swahili``, I thought, but must have said Fulfulde, as in HFCC, 1930-2000, 250 kW, 315 degrees from Meyerton USward, and BTW, BAB is NOT shown as the FMO for this, but AWR itself, so what has BAB to do with this? Program feed routing apparently.

[and non]. 17800.00, March 20 at 1953, AWR Fulfulde service via Meyerton is on-frequency today, after being caught 72 Hz to the hi side during this semihour yesterday. However, 24 hours later, March 21 at 1943, there is no carrier from this ``daily`` broadcast; altho 17885 is S6 audible from BBC Hausa via Ascension (Glenn Hauser, OK, DX LISTENING DIGEST)

** SOUTH CAROLINA [non]. 7489.94, WBCQ Monticello ME (presumed); 2240-2246+, 15-Mar; Non-B.S. huxter from B.S.'s flock huxterating; "Throw away your medicines & your internet cures." "Go back to divine healing." "Deceit is the kiss of our enemy." "The body of Christ is the only real thing on Earth." "The cars, the TV, the internet, (etc.) is all deceit."

At 2245+, Bro. HyStairical interrupted to tell us about all his radio

& internet sources --- which I just heard are all deceit. S20 peaks (Harold Frodge, Midland MI, USA, 5525 Whitehall St., Midland MI 48642-3156, Drake R8B + 185' & 60' RW + 125' bow-tie, ----- All logged by my ears, on my receiver, in real time! -----, DX LISTENING DIGEST)

** SRI LANKA. 11905, March 18 at *0114:10.5, SLBC carrier cuts on, only S1 but no doubt about it with offset BF0; music prÉlude starts at 0114:47.5, and 2+1 mis-timesignal ends at 0115:17.5. Someone reported hearing a timesignal at hourtop 0130, so for the first time I am trying to hear it, whether it match the sign-on one --- but cannot in the 0129-0131 period, when there is also some noise obscuring the signal.

11905, UT Sunday March 20 at 0129, SLBC, giving P O Box in Kolkata, so is it Bengali or Hindi? Fading S7-S4, but sufficient to tell there is no ToH timesignal. There is a break, ID and apparent program change right at 0130 (Glenn Hauser, oK, DX LISTENING DIGEST)

** SUDAN. Following a tip in DXLD yesterday, I checked 7205 today (March 20) and I think it was on air all-afternoon, not signing-off at 1530 as per EiBi and other lists. Arabic continued after 1630 and still Arabic after 1800. Clashing badly with PBS Xinjiang and later CRI. I did not trace 9505 for French/English/Hausa yesterday evening or today so far.

Also I did not find any tone jamming against Radio Dabanga after 1530, which suggests to explain the listed/formerly observed time gap from 1530 to 1630 between 7205/9505 transmissions. 73 (Thorsten Hallmann, Münster, Germany, March 20, (recently updated:)
<http://www.muenster.org/uwz/ms-alt/africalist>
dxldyg via WORLD OF RADIO 1818, DX LISTENING DIGEST)

** SUDAN SOUTH [non]. RADIO TAMAZUJ TO INCREASE BROADCAST TIME, NEWS OUTPUT
<https://radiotamazuj.org/en/article/radio-tamazuj-increase-broadcast-time-news-output>

JUBA (18 Mar.) --- Shortwave broadcaster Radio Tamazuj, which produces news and programmes for South Sudan and border areas of Sudan such as the Nuba Mountains and Blue Nile state, plans to double its airtime and increase news output starting 27 March.

The station, which has historically dedicated about half of its daily airtime to news coverage, plans to introduce additional programming focusing on peace-building, reconciliation, justice, political topics and local governance as well as programming for women and children. In collaboration with other media houses, the station also aims to improve media access for war victims, widows, the war disabled and war

wounded, orphans and others who have suffered through the ongoing civil war in South Sudan, according to a proposal shared by the station recently with the National Editors' Forum in South Sudan.

Radio Tamazuj markets itself as a radio for all communities, according to its on-air branding. The station broadcasts in Arabic, using mutually intelligible dialects spoken widely in Sudan and South Sudan.

Starting from 27 March the station will air programmes from 6:30 to 7:30 [0330-0430 UT] on 11650 kHz on the 25 meter band and 9600 kHz on the 31 meter band, and 15150 kHz and 15550 kHz on the 19 meter band each evening from 17:30 to 18:30 [1430-1530 UT]. This represents an increase from one hour daily airtime to two hours daily.

[i.e. starting half an hour earlier than before, so no effect on companion Radio Dabanga which follows --- gh]

Radio Tamazuj is among the fastest growing radio stations in South Sudan, according to a survey carried out in five counties in 2015, which found that more than 20% of the station's listeners were new listeners, more than any other station.

Another survey carried out the same year in the Malakal PoC found that about half of radio users listened to Radio Tamazuj, making it nearly as popular as the UN Radio Miraya, in spite of significantly shorter broadcast hours. Forcier Consulting, which carried out the survey, reported, "Those with access to a radio most commonly listen to Radio Miraya (74%) and Radio Tamazuj (49%)." This represented growth of more than 100% compared to a baseline survey done in August 2014, less than six months prior.

Radio Miraya is the country's largest radio by listenership, owing to its wide network of FM repeaters, but shortwave radio is the only option for people in areas where FM coverage is limited or non-existent. In Raja County, for example, a survey carried out last year found that only 39% of people had even heard of Radio Miraya, compared to 59% for Radio Tamazuj.

Similarly, Forcier's research in Leer County, where the popular Naath FM has been off-air for most of the last two years, showed that shortwave stations Radio Tamazuj and Voice of America were fall-back options for listeners in the conflict-stricken area. About one in five people were aware of Tamazuj, equivalent to about half of the Arabic-speaking population.

Radio Tamazuj's upcoming expansion aims to serve listeners in such unreached places as well as provide an alternative to FM coverage in

areas without independent radio stations. In Warrap State, for example, where the state-run Kuacjok FM reaches only parts of the state and functions only three hours per day, Radio Tamazuĵ will offer state-wide broadcast coverage and access to uncensored information.

Meanwhile, Forcier's research report, which was made public earlier this week, shows a declining role for the state-run Radio Juba, with weekly listenership in Juba at only 17% compared to 23% in 2013.

By contrast, Eye Radio, which is based in Juba but also launched FM repeaters in several state capitals last year, showed strong growth in the FM market, with its weekly reach in Juba rising from 22% in 2013 to 48% in 2015. The radio's parent organization Eye Media this week also launched a trial issue of a new newspaper, The Eye (pictured below), which was distributed free of charge.

Other new newspapers to appear in Juba this past month include Daily Vision newspaper and Dawn Arabic newspaper, which is financially backed by South Sudan's National Security Service, according to a media source in Juba. Posted by: (JOSE MIGUEL ROMERO ROMERO, March 20, dxldyg via DXLD)

Re HFCC A16, the above frequencies are registered for these sites (all in Sudanese Arabic):

0330-0430 11650 via Madagascar, 9600 via Issoudun

1430-1530 15550 via Vatican (but registered one hour longer 1430-1630),

1430-1500 15150 via Vatican

1500-1530 15150 via Madagascar (but registered one hour longer 1500-1630)

Posted by: ("Alan Pennington", BDXC-UK yg via DXLD)

** SUDAN [non]. Summer A-16 of Radio Tamazuĵ and Radio Dabanga
<http://swldxbulgaria.blogspot.bg/2016/03/summer-16-of-radio-tamazuĵ-and-radio.html>
-- 73! (Ivo Ivanov, B'lgariya, dxldyg via DX LISTENING DIGEST)

** SUDAN SOUTH [non]. Summer A-16 of Radio Tamazuĵ and Radio Dabanga
Radio Tamazuĵ, extended morning broadcast 0330-0430, ex 04-0430
0330-0430 on 9600 ISS 250 kW / 138 deg to EaAf Sudanese Arabic
0330-0430 on 11650 MDC 250 kW / 335 deg to EaAf Sudanese Arabic

1430-1500 on 15150*SMG 250 kW / 150 deg to EaAf Sudanese Arabic
1500-1530 on 15150 MDC 250 kW / 340 deg to EaAf Sudanese Arabic
1500-1530 on 15550 SMG 250 kW / 150 deg to EaAf Sudanese Arabic
1500-1530 on 17600 ISS 250 kW / 138 deg to EaAf Sudanese Arabic

* co-channel 15150 TRM 125 kW / 060 deg to SEAs Pwo WeKaren AWR

Radio Dabanga

0430-0600 on 11650 SMG 250 kW / 146 deg to EaAf Sudanese Arabic

0430-0530 on 13800 MDC 250 kW / 335 deg to EaAf Sudanese Arabic

0530-0600 on 13800 SMG 250 kW / 150 deg to EaAf Sudanese Arabic

1530-1630 on 15150 MDC 250 kW / 340 deg to EaAf Sudanese Arabic

1530-1630 on 15550 SMG 250 kW / 150 deg to EaAf Sudanese Arabic

<http://swldxbulgaria.blogspot.bg/2016/03/summer-16-of-radio-tamazuj-and-radio.html>

(DX RE MIX NEWS # 944 from Georgi Bancov and Ivo Ivanov, March 21, 2016, via WORLD OF RADIO 1818, DXLD)

9600, 0330-0430 UT, 39SW,47E,48W, TDF ISS Issoudun France 250 kW 138 degrees

11650, 0330-0430 UT 39SW,47E,48W, FPU MDC MGLOB S.A., Shortwave station MGLOB (ex RNW), Madagascar. 250 kW, 335 degrees.

And 15150 kHz and 15550 kHz on the 19 meter band each evening from 17:30 to 18:30 LT / 1430-1530 UT.

15150, 1430-1500 UT 39SW,47E,48W VAT SMG Santa Maria di Galeria 250 kW 150degr CVA PNW FPU

15150, 1500-1530 UT 39SW,47E,48W FPU MDC MGLOB S.A., Shortwave station MGLOB (ex RNW), Madagascar. 250kW 340degr MDG PNW FPU

Clash on 15150 kHz between 1430-1500 UT with SLBC Trincomalee Sri Lanka request co-channel (BC-DX 23 March via DXLD)

** TAIWAN. 6370, SOH, 1516-1531+ 16 March. Very weak with Chinese chat and occasional orchestral sounder // 9180 (Dan Sheedy, Moonlight Beach, CA E5/6m X wire, DX LISTENING DIGEST)

** TAIWAN. 9774, Fu Hsing BS, 1141, March 21 was a rare day indeed that this was on the air here; usually only heard on 9410, which today was //. Thanks to the timely alert from Hiroyuki Komatsubara! 9410 had the normal strong CNR5 QRM and 9774 was best in LSB (Ron Howard, Asilomar State Beach, CA, EtÛn E1, antenna: 100' long wire, dxldyg via DX LISTENING DIGEST)

** TAIWAN [and non]. Hi Glenn, When checking for the return of Voice of Indonesia on 9525 (yes, they are finally back on the air again), found QRM from Xing Xing BS (Star Star Broadcasting Station - Taiwan) on 9522, at 1214, on March 22, with ex: 7502 being silent (Ron Howard, California, dxldyg via DX LISTENING DIGEST)

** TAJIKISTAN. 4789.9885, BBC Uzbek local target relay 1300-1330 UT, S=8 -78dBm. One of the four 60 mb units at Dushanbe is always some off few Hertz down. 1322 UT. [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang B, schel, log of monitoring on remote SDR unit located in eastern Thailand, March 17 at 1030-1330 UT, dxldyg via DX LISTENING DIGEST) So no CNR1 jamming? Still on jumbled 4970 instead, presumably despite INDIA (gh, DXLD)

** TIBET [non]. 15573, March 23 at 1327, JBA carrier, presumed V. of Tibet as latest scheduled via TAJIKISTAN at 1308-1330 per Aoki. No jammer carrier audible on 15575, let alone KBS World Radio's so-called North American Service in English. There is something on 15570, which cannot be explained as anything but a jammer even tho it's 3 rather than 2 kHz het away. Maybe deferring to inaudible KBS on the other side? Or if the KBS signal exist and be any good in Asia, it does the job of jamming VOT (Glenn Hauser, OK, DX LISTENING DIGEST)

** TURKEY. 12035.028, March 23 at 1402, very poor signal from VOT English to Europe, carrying on weakly to North America. Consistently off-frequency to the hi side. In A-16 this will move an hour earlier to 1230-1325, and up to the usual A-frequency, 15450, which I doubt will propagate much better. Will it also be off-plus? (Glenn Hauser, OK, DX LISTENING DIGEST)

** UGANDA [non]. Here's a stream of Radio Lead Africa:

<http://de.streema.com/radios/play/94039>

A reason for not hearing IDs might be that they broadcast material of other stations. Titles of the musical pieces/programmes are displayed next to the stream, at the moment: "Dr Kiyangi's Q&A on Radio Munansi, October 20th 2015 - YouTube". No English heard here. 73 (thorsten hallmann, March 17, dxldyg via DX LISTENING DIGEST)

Thank you Thorsten for the update! A reminder that Friday (UT), from about 0255 to 0359, Radio Lead Africa will again be on 5910. The good news is that I have noted this week that Colombia (5910+) now routinely signs off just before 0300, so RLAM should have QRM-free reception. BTW - Radio Munansi's contact info is North Hollywood, CA. (Ron Howard, California, dxldyg via WORLD OF RADIO 1818, DXLD)

Subject: Help: Log on 9430 kHz, after 2100 UT, Saturday, is R. Lead Africa station? UGANDA (non), 9430, Mar 19, 2016. 2120-2147, Radio Lead Africa (?), Meyerton (?), African lang (Luganda?, Swahili?). OM talks and talks; says Uganda. OMs: conversation. Fair signal and poor modulation, 35332.

EiBi sked: 9430 1900-2100 SaSu UGA Radio Lead Africa LUG EAF /AFS
Aoki sked: 9430 1900-2100 AFS RADIO LEAD AFRICA Lug Meyerton 17
(DXer - JosÉ Ronaldo Xavier (JRX), Cabedelo - PB, Brazil, Sony ICF-

SW100S Portable, Telescopic antenna, Hard-Core-DX mailing list via
WORLD OF RADIO 1818, DXLD)

9430, Mar 20, 2016. 2045-2057, Radio Lead Africa, Meyerton. OM talks
in Luganda. Fair signal, slight interference by Voice of Korea-KCBS,
in korean, on 9425 kHz, 34433 (DXer - JosÉ Ronaldo Xavier, Cabedelo -
PB, Brazil, Sony ICF-SW100S Portable, Telescopic antenna, Hard-Core-DX
mailing list via DXLD)

5910, Radio Lead Africa Media (Meyerton) (presumed) *0259-0316, 0331-
0358* 21 March. Opening with long guitar-based instrumental & "local"
group song then recorded speech in English [low modulation & het from
unID ute/digital carrier on 5909a not helping], retune just after BOH
with Q&A over the phone [modulation still not so good + the
ute/digital QRM], possible contact info (FaceBook, etc.) given at
0350, followed by sked ("6 AM, 7 AM, meterband, shortwave" was what
made it through) & transmitter shutdown mid-word at 0358 (Dan Sheedy,
Encinitas CA, E5/6m X wire, DX LISTENING DIGEST)

5910, UT Monday March 21 at 0339, YL in English about Uganda, S9-S5
and no het as HJDH seems to be deliberately avoiding Radio Lead Africa
via SOUTH AFRICA. Ron Howard was listening at the very same time, and
says HJDH went off at 0257* as now usual, and later finally heard a
partially clear ``Lead Africa Radio`` ID (Glenn Hauser, OK, DX
LISTENING DIGEST)

5910, clandestine Radio Lead Africa, 0330-0358*, March 21 (Monday).
Carried their own program; person on phone in vernacular with person
in studio translating into English; technical problems with phone
connection; hard to hear the person on the phone, while the studio
audio was good; two different spots giving their schedule for days and
times of broadcasts; Colombia (5910+) as usual went off about 0257.

My audio is partially clear: "Lead Africa Radio," but think she
stumbled over the first time she said "Radio," just before the "Lead
Africa Radio," as that was not too clear. My audio, starting with two
spots for their schedule, followed by translation, at
<https://goo.gl/0kTXbr>

(Ron Howard, Asilomar State Beach, CA, EtÛn E1, antenna: 100' long
wire, dxldyg via WORLD OF RADIO 1818, DX LISTENING DIGEST)

SOUTH AFRICA, A-16 of Radio Lead Africa from March 27
0300-0400 on 5915*MEY 100 kW / 020 deg to CeAf English Mon/Tue/Fri
0500-0600 on 12060 MEY 100 kW / 015 deg to CeAf English Wed/Thu
0500-0700 on 12060 MEY 100 kW / 015 deg to CeAf English Sat
1700-1800 on 9900 MEY 100 kW / 015 deg to CeAf English Sat/Sun
1900-2100 on 7425 MEY 100 kW / 020 deg to CeAf English Sat/Sun
* co-ch Zambia NBC Radio 1

<http://swldxbulgaria.blogspot.bg/2016/03/summer-16-of-radio-lead-africa-from.html>
(DX RE MIX NEWS # 944 from Georgi Bancov and Ivo Ivanov, March 21,
2016, via WORLD OF RADIO 1818, DXLD)

** UGANDA [non]. Tentative RLA schedule via SenTec Meyerton in A-16
season 270316-290316

5915	0300	0400	48,47S,52NE,53NW	MEY	100	20	15	216	236	Eng	AFS	RLA	SNT
7425	1900	2100	48,47S,52NE,53NW	MEY	100	20	15	216	17	Eng	AFS	RLA	SNT
9900	1700	1800	48,47S,52NE,53NW	MEY	100	15	30	216	17	Eng	AFS	RLA	SNT
12060	0500	0600	48,47S,52NE,53NW	MEY	100	15	30	216	45	Eng	AFS	RLA	SNT
12060	0500	0700	48,47S,52NE,53NW	MEY	100	15	30	216	7	Eng	AFS	RLA	SNT

Is that only a 3 days operation request? Or is the final date a
keyboard glitch, and should rather mean final at '291016' in late
October? See operation days 4 = Wed on 30 March, til 7 = Saturday on 2
April (Wolfgang B,schel, March 17, wwdxc BC-DX TopNews, BC-DX 23 March
via DXLD)

** UKRAINE. GRASSROOTS RADIO AND TELEVISION IN UKRAINE

During the Euromaidan revolution in Ukraine, I gravitated more and
more towards watching and listening to Hromadske radio/television.
Loosely translates to crowd or grassroots radio/TV. I found it
extremely well done, although clearly rough around the edges, but free
of the state or oligarch sponsored biases. Now there's a book written
by a UWO (U of Western Ontario) professor which is available for free
download. Here's the link:
<http://www.e-ir.info/2016/03/22/open-access-book-ukraines-euromaidan-broadcasting-through-information-wars-with-hromadske-radio/>
Some good bedside reading. Cheers, (Walt Salmaniw, Victoria BC, March
22, dxldyg via DX LISTENING DIGEST)

** U A E. 6180.095, IBRA Radio in Somali, logged around also at 1700-
1730 UT slot, this odd frequency signal coming from Al Dhabbaya
center. S=9+20dB signal heard at remote Doha Qatar unit. Typical Horn
of Africa music heard at 1705 UT on March 20. 73 wb (Wolfgang B,schel,
dxldyg via DX LISTENING DIGEST)

** U K. 6134.966, Seldom happened, but Babcock BBC French from
Woofferton is odd frequency this morning at 0601 UT on March 22,
powerhouse S=9+55dB! [selected SDR options, span 12.5 kHz RBW 15.3
Hertz] (Wolfgang B,schel, morning log of 49 mb at southern Germany at
0559-0720 UT, March 22, dxldyg via DX LISTENING DIGEST)

** U S A. 3370.5-USB, UT Fri March 18 at 0125, Air Force MARS net,
informal chat, guy is working on his master's degree, and brief
weather predixion, no ID; Next one called is AFA6DN, and at 0127 next

one definitely IDed is AFA6LB with clipped audio. Per this list
http://www.afmars.net:8080/qilan/MARS/list_RMS_stations
AFA6LB is a.k.a. AFB6AR and is in Arkansas, grid square EM34lp (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A [and non]. VOA Radiogram this weekend will include an 8-minute stretch of Olivia 64-2000. Let's hope for poor reception ñ or create poor reception conditions ñ to give the Olivia 64-2000 a workout. Here is the lineup for VOA Radiogram, program 155, 19-20 March 2016, all in MFSK32 except where noted:

1:32 Program preview
3:01 NASA plans large fire on spacecraft*
7:26 Rotten tomatoes produce renewable energy*
11:54 Olivia 64-2000: Legislation to counter propaganda
19:48 MFSK32: Over the horizon radar in amateur HF bands*
25:04 Early General Electric shortwave broadcasting*
27:05 Closing announcements
* with image

Please send reception reports to radiogram@voanews.com
VOA Radiogram transmission schedule (all days and times UT):
Sat 0930-1000 (5:30 am EDT) 5865 kHz
(will change to 5745 kHz effective 2 April)
Sat 1600-1630 (noon EDT) 17580 kHz
Sun 0230-0300 (Saturday 10:30 pm EDT) 5745 kHz
Sun 1930-2000 (3:30 pm EDT) 15670 kHz
All via the Edward R. Murrow transmitting station in North Carolina.

The Mighty KBC will transmit a minute of MFSK32 Sunday at about 0220 UT (10:20 pm EDT) on 6040 kHz, via Germany. Reception reports for KBC to Eric: [themightykbcb\(at\)gmail.com](mailto:themightykbcb(at)gmail.com) KBC is determining whether it will have enough sponsors to maintain its broadcast to North America, currently at 0000-0300 UT on 6040 kHz.

DigiDX will transmit digital modes this weekend:
Sunday 20th March: 1100-1130 UT 6070 kHz via Channel 292, via Germany, MFSK32
Sunday 20th March: 0030-0100 UT 6070 kHz via Channel 292, via Germany (this episode is a transmission using at first Olivia 64-2000 and then MFSK16 (centered at 2500Hz) aimed at North American listeners.

Sunday 20th March: 2330-0000 UT 11580 kHz via WRMI, Florida, MFSK32

Decode all of the above using Fldigi from w1hkj.com or, for Android devices, TIVAR from
<https://sourceforge.net/projects/fldigi/files/AndFlmsg/TIVAR/fldigi> - Browse /AndFlmsg/TIVAR at SourceForge.net
Ham Radio Digital Modem Application

Posted by: kimelli@verizon.net, (Kim Elliott, March 18, dxldyg via DXLD)

LOG: 4 x DIGI MODES via SW: DigiDX, KBC, VOA, Easypal-DRM

http://www.rhci-online.net/radiogram/VoA_Radiogram_2016-03-19.htm#DIGIDX
http://www.rhci-online.net/radiogram/VoA_Radiogram_2016-03-19.htm#KBC
http://www.rhci-online.net/radiogram/VoA_Radiogram_2016-03-19.htm#VOA
http://www.rhci-online.net/radiogram/VoA_Radiogram_2016-03-19.htm#IZ4AFJ

All decoded into 3 kHz audio frequency and less, no special receiver needed (only for hamradio easypal-drm: SSB-rx) (roger, Germany, March 20, dxldyg via DX LISTENING DIGEST)

** U S A. 7365, March 18 at 0055, Pres. Obama says ``I'm going to Cuba'', and soon voiced-over translation to Spanish on Radio Martí. Well atop jamming at the moment: are its days numbered?

7425, March 18 at 0157, the Greenville leapfrog mixing product is functioning tonite, S5 but mainly with audio from // Martí 7365 rather than Vatican 7305 --- because I find the latter is undermodulated on own fundamental, and can even hear some Martí also under it there.

7425, March 19 at 0210, Greenville leapfrog mixing product is achieving S8 with storm noise spiking the meter higher; this time the Spanish audios from Vatican 7305 and Radio Martí 7365 are at about equal levels on 7425 (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A [and non]. 6080, March 20 at 0550, VOA in English news about Africa, fair via SAO TOME; at 0628, Greenville is signing-on same frequency atop ST prior to rock music show at 0630 Sunday. GB for half an hour vs Pinheira is a very strange transmission which doesn't appear on the schedules. Perhaps an initial backup substitute which was never deleted? But we treasure it as a bit of English remaining on Greenville.

4960, March 21 at 0400, VOA English news is running one word behind // 4930, both S9+6. 4960 is S,,o TomE, 4930 is Botswana, and they are // at 04-05 only; BOT is entirely in English 03-06, and mostly in English 14-21; SAO is on 4960 only in the mornings, on 4940 evenings, why? but only at 2030-2100 in Hausa or English (Glenn Hauser, OK, DX LISTENING DIGEST)

Re: ``Radio (& TV) Martí plan extensive coverage of `Obama en Cuba` March 20-22, pre-empting all other programming. It will be very interesting to note whether Cuban jamming continues unabated, or not. Martí correspondents are less likely to get accreditation than VOA (which no longer bothers with SW at all for Spanish). And whether any

additional frequencies are employed. [...] BTW, in A-16, many of the Martí frequencies are registered in HFCC to be reduced to only 62 kW.``

I think this further power reduction clearly indicates that the shortwave service of Radio Martí has become a mere token, not really meant for real listeners anymore. They just can not swiftly close it down (and with it the whole Greenville-B plant) for political reasons.

And indeed it seems that no OCB correspondents have been accredited:
<http://www.bbg.gov/blog/2016/03/17/a-quick-look-back-as-the-world-looks-forward-to-next-week/>

It's of note how they put a positive spin on the situation:
"Cooperation between the networks of the BBG to provide coverage of President Obama's trip is unprecedented."

By the way, the plan to turn OCB into a private structure has been made public already a year ago, in the BBG budget request to 2016. To put my comment on the oh-so-big disclosure of February in a Hauserism: Is no one paying attention??

In the meantime they also put the full 2017 budget request brochure online:
<http://www.bbg.gov/wp-content/media/2011/12/FY-2017-Budget-Submission.pdf>

Some points, beyond what could already be gathered from the summary:

The Balkans service of RFE/RL has not been closed in 2015 as it was planned, instead it is now supposed to receive 4 million USD in the 2017 budget. RFE/RL claims that they were the first media organization to point out the "Balkans route".

Besides the Krim broadcasts of RFE/RL which since last September are relayed by NRKU they also launched a daily one-hour format of the same concept for the Donbass, transmit on FM, on a frequency "especially created in cooperation with the Ukrainian government", whatever that means.

RFE/RL closes its office in Baku to save money, at least that's the only reason they give in this document. Now tell me how this is not dissonant to <http://www.bbg.gov/blog/tag/khadija-ismayilova/>

Al-Dhabbaya 1575 kHz costs them 2.4 million USD per year. They now plan to at least switch it off during the day when it can not reach Iran anyway. However, the savings to be achieved this way are a mere 0.3 million USD. Well, it seems that Abu Dhabi Media is shamelessly robbing IBB, presumably knowing that they have no alternative in

this case, with no hope to release the Radio Farda mediumwave transmitter at the much praised Kuwait station from the frequency allocation blockade (I understand that for 1386 kHz a high-power allocation for Iran exists in GE75; makes me really wonder who had the brilliant idea to use such a frequency to broadcast into Iran; must be someone who never heard of the comments made back then on VOA German using 6030 kHz, the Stuttgart shortwave frequency: "occupation force").

The Botswana station got a light armoured vehicle. No further explanations given on this (Kai Ludwig, March 20, dxldyg via DX LISTENING DIGEST)

Transmitter power at Greenville --- Glenn, I'm not sure what the 62.5 kW stuff is about on HFCC other than Radiogram. Radiogram is run at 62 kW or thereabouts. Unless we have a problem during a regular sked where the transmitter won't stay on at 250 kW, we only run ilow poweri to complete the program till we can get the rig off and repair it. We do run 125 kW on 11930 in the morning to Obama's buddy. I guess thatís enough to get through the jamming but only speculation on my part (Glenn Swiderski, Greenville NC, DX LISTENING DIGEST)

** U S A [non]. 17895, March 22 at 1621, VOA English is VG, enough to tell that there's a slight squeal on the transmitter, which is 250 kW, 145 degrees from VATICAN, violating Separation of Church & State; yet helpful if VOA will not use Greenville. 17895 is currently registered for VOA English at 1600-1800 via SMG, plus via S,,o TomÈ at 1500-1600 (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A [and non]. WORLD OF RADIO 1817 monitoring: confirmed Thursday March 17 after 2100 on WRMI 13695, very good as usual. Also confirmed sufficient at 2330 on WBCQ 9330.01-CUSB, virtually on-frequency. Next:

Fri 2130 WRMI 15770 to NE
Fri 2130.5 WRMI 13695 to NW
Fri 2330 WBCQ 9330v-CUSB to WSW
Sat 0730 HLR 6190-CUSB to SW
Sat 1530 HLR 7265-CUSB to SW
Sat 1930v WA0RCR 1860-AM ND
Sat 2230 WBCQ 9330v-CUSB to WSW
Sun 0310v WA0RCR 1860-AM ND
Sun 2330 WBCQ 9330v-CUSB to WSW
Mon 0300v WBCQ 5130v Area 51 to WSW
Mon 0330 WRMI 9955 to SSE
Mon 2330 WBCQ 9330v-CUSB to WSW
Tue 1100 WRMI 9955 to SSE
Tue 2330 WBCQ 9330v-CUSB to WSW
Wed 1315.5 WRMI 9955 to SSE
Wed 2100 WBCQ 7490v to WSW

Wed 2330 WBCQ 9330v-CUSB to WSW

WORLD OF RADIO 1817 monitoring: confirmed Friday March 18 at 2130 on 15770 --- barely audible but can recognize my voice on one receiver (this signal is getting very weak and lowly modulated --- hope it's better in target Europe, altho rather late into their evening to be propagating there either); much better on 13695 from 2130.5, aimed across US. Also confirmed at 2330 Fri March 18 on WBCQ, 9330.00-CUSB (which has stuck to on-frequency lately; at same time, 7489.840-AM had 'Fred Flintstone' and 5130v was not on). Next:

Sat 1930v WA0RCR 1860-AM ND
Sat 2230 WBCQ 9330v-CUSB to WSW
Sun 0310v WA0RCR 1860-AM ND
Sun 2330 WBCQ 9330v-CUSB to WSW
Mon 0300v WBCQ 5130v Area 51 to WSW
Mon 0330 WRMI 9955 to SSE
Mon 2330 WBCQ 9330v-CUSB to WSW
Tue 1100 WRMI 9955 to SSE
Tue 2330 WBCQ 9330v-CUSB to WSW
Wed 1315.5 WRMI 9955 to SSE
Wed 2100 WBCQ 7490v to WSW
Wed 2330 WBCQ 9330v-CUSB to WSW
(Glenn Hauser, OK, DX LISTENING DIGEST)

GERMANY, 6190, Hamburger Lokal Radio, Goehren, *0700, English, program "Switzerland In Sound, Letter from Switzerland", at 0730 program "World of Radio". 24322 (Manuel Mèndez, Lugo, Spain, Sat March 19, Logs in Friol and Lugo, Tecsun PL-880, Sangean ATS-909X, Sony ICF SW7600G, Cable antenna, 8 meters, dxldyg via DX LISTENING DIGEST)

WORLD OF RADIO 1817 monitoring: confirmed Sat March 19 at 0730 via Hamburger Lokalradio 6190, by Ivo Ivanov, Bulgaria:

<https://youtu.be/hBbaWqqk9tU>

Also confirmed by me, fair Sat March 19 at 2230 on WBCQ 9329.975-CUSB, after 'The Planet' IS and ID sign-on. Also confirmed, UT Sunday March 20 at 0330 midpoint, on WA0RCR, 1860-AM, so started approximately 0315, another new shifted time. Next:

Sun 2330 WBCQ 9330v-CUSB to WSW
Mon 0300v WBCQ 5130v Area 51 to WSW
Mon 0330 WRMI 9955 to SSE
Mon 2330 WBCQ 9330v-CUSB to WSW
Tue 1100 WRMI 9955 to SSE
Tue 2330 WBCQ 9330v-CUSB to WSW
Wed 1315.5 WRMI 9955 to SSE
Wed 2100 WBCQ 7490v to WSW
Wed 2330 WBCQ 9330v-CUSB to WSW

WORLD OF RADIO 1817 monitoring: confirmed Sunday March 20 at 2330 on

WBCQ 9330.00-CUSB, fair. Also confirmed UT Monday March 21 at new shifted time from 0302 on Area 51 webcast, and before 0330 fair on WBCQ 5129.735. Also confirmed after 0330 on WRMI 9955, but very poor S4-S6 (while 9395 was S9+5/15). Next:

Mon 2330 WBCQ 9330v-CUSB to WSW
Tue 1100 WRMI 9955 to SSE
Tue 2330 WBCQ 9330v-CUSB to WSW
Wed 1315.5 WRMI 9955 to SSE
Wed 2100 WBCQ 7490v to WSW
Wed 2330 WBCQ 9330v-CUSB to WSW

WRN North American service has not shifted times for our DST, so WORLD OF RADIO is still scheduled Saturdays at 1830 UT, UT Mondays at 0230. They will not move one UT earlier until DST in Europe March 27. Our sked has been corrected:

<http://www.worldofradio.com/radioskd.html>

(Glenn Hauser, March 19, dxldyg via DX LISTENING DIGEST)

WORLD OF RADIO 1817 monitoring: not confirmed Monday March 21 at 2330 on 9330, as WBCQ is off (altho on 7490). Next:

Tue 2330 WBCQ 9330v-CUSB to WSW
Wed 1315.5 WRMI 9955 to SSE
Wed 2100 WBCQ 7490v to WSW
Wed 2330 WBCQ 9330v-CUSB to WSW

WORLD OF RADIO 1817 monitoring: confirmed Tue March 22 at 2330 on WBCQ 9329.67-CUSB (recheck around 0100 March 23, it's about 9329.75). Also confirmed Wed March 23 at 1315.5 on WRMI 9955, sufficient with no jamming (but at 1355 heard lite jamming vs Viva Miami). Also confirmed Wed March 23 at 2100 on WBCQ webcast; this time the extraneous syllables a couple seconds after the automated WBCQ ID and before WOR starts, sound like ``day to it``. Checking 7490 itself at 2121, audible fairly but sinking into storm noise level and increasing daytime absorption this far from Maine. Also confirmed Wed March 23 at 2330 on WBCQ, 9329.955-CUSB.

WORLD OF RADIO 1818 monitoring: confirmed first SW broadcast of Thu March 24 at 1130 on WRMI 9955: tune-in at 1140, it's very good at S9+10, no jamming (quite a contrast to a week ago when it was very poor). Next:

Thu 2100 WRMI 13695 to NW
Thu 2330 WBCQ 9330v-CUSB to WSW
Fri 2130 WRMI 15770 to NE
Fri 2130.5 WRMI 13695 to NW
Fri 2330 WBCQ 9330v-CUSB to WSW
Sat 0730 HLR 6190-CUSB to SW
Sat 1530 HLR 7265-CUSB to SW
Sat 1930v WA0RCR 1860-AM ND

Sat 2230 WBCQ 9330v-CUSB to WSW
Sun 0310v WA0RCR 1860-AM ND
Sun 2330 WBCQ 9330v-CUSB to WSW
Mon 0300v WBCQ 5130v Area 51 to WSW
Mon 0330 WRMI 9955 to SSE
Mon 2330 WBCQ 9330v-CUSB to WSW
Tue 1100 WRMI 9955 to SSE
Tue 2330 WBCQ 9330v-CUSB to WSW
Wed 1315.5 WRMI 9955 to SSE
Wed 2100 WBCQ 7490v to WSW
Wed 2330 WBCQ 9330v-CUSB to WSW

From March 27, all the WRN times for WORLD OF RADIO will be:

Europe: Sat 0900

North America, Africa, Asia, Pacific: Sat 1730 & UT Mon 0130 (gh)

(Glenn Hauser, WORLD OF RADIO 1818, DX LISTENING DIGEST)

GERMANY, HLR relay World of Radio #1817 via Goehren on March 19:

from 0730 on 6190 GOH 001 kW / 230 deg to CeEu English Sat CUSB

<http://swldxbulgaria.blogspot.bg/2016/03/hlr-relay-world-of-radio1817-via.html>

-- 73! (Ivo Ivanov, B'lgariya, dxldyg via WORLD OF RADIO 1818, DXLD)

** U S A. 11530, March 17 at 2329, no signal from WRMI, which was testing for only three days, but maybe will come back in A-16. Instead, BS is back on 11920 // 7570. Ditto at 0044 March 18.

11530.0, however March 18 at 0048 I find a JBA carrier here; only thing in Aoki is a 100-watt nuisance transmitter of Sound of Hope in Taiwan, or much more likely, a CNR1 jammer against it.

9955, March 18 at 0201, checking WRMI, I am surprised to hear PCJ Radio International opening 'Focus As--' until cut off and switch to R. Praga in Spanish as scheduled, right into noticias, atop lite pulse jamming. Maybe they are adjacent on WRN feed?

11580, March 18 at 1353, WRMI again with eclectic world music concert, maybe Turkish tune; 1355 another familiar song with guitar, language unknown. Sure wish Jeff could provide a playlist with details of all this great music. Meanwhile, weaker 9955 is in 'Viva Miami', I think, with Jeff's voice. After 1400: at 1402, 9955 has not switched to Brother HyStairical as scheduled, but gone to music as well, but *not* // a different playout continuing on 11580 which is not in BS either.

9955 & 11580, Saturday March 19 at 1410, these two WRMI frequencies are again running music loop rather than BS, but *not* // in separate playouts. 11565, 13695 are in the TOM Sabbath service, presumably live, VG signals, but MUF intervenes, and usual blasting 15440 is a JBA carrier, and only a trace on 17790 and 21675. 1446 recheck, still

music, no BS on 9955 or 11580. But final re-check at 1522, now they are in BS // all the others, so must have joined into TOM circa 1500.

9955, March 20 at 1416, WRMI with percussion and chanting, not sure whether African or SE Asian, music instead of BS continues during this hour. 11580 is not BS either but on a Sunday with some other gospel huxter.

9955, Sunday March 20 at 2230, Cuba is jamming 'Viva Miami' on WRMI, seems an episode which has been running for a few weeks, Jeff interviewing the guy from Blues Radio International, Jesse Finkelstein. So I resort to webcast to inspect what the 2245 program on the schedule is really about, 'In Search of Truth-Braz'. It starts with an hymn in Brazuguese, so it's not in English and it's not clandestine or even political. Program ID announced is ''Deixe a Biblia Falar'', i.e. merely a version of 'Let the Bible Speak', with phone number 81-33425269. So that's that. Unclear how this got titled otherwise in English on schedule (Glenn Hauser, OK, DX LISTENING DIGEST)

[and non]. 5850 even, RMI Okeechobee, ARABIC! singer heard at 0703 UT, but back on soul pop music at 0735 UT. S=8-9 fair in GER and in Germany / Europe heavily disturbed by ute interference on 5849.747 kHz and 250 Hertz BUZZ tone heterodyne [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang B.schel, morning log of 49 mb at southern Germany at 0559-0720 UT, March 22, dxldyg via DX LISTENING DIGEST)

9955 & 11580, March 22 at 1434, both WRMI frequencies are in non-// music loops. What about the others? Dead air instead of Brother Scare on 11565, 13695, 15440; other BS frequencies are too weak to tell: 21675, 17790, 8455, 6915, 5015. But The Overcomer Ministry is still functioning on one WRMI frequency, 11825. (It's also OK on 9370 WWRB, 9980 WWCR). Recheck at 1620: now back to BS on 11565, 13695, 15440.

5765, March 23 at 0234 check, one WRMI frequency AWOL (need to start/end ''49m'' bandscanning as low as 5745), yet plenty of BS on 5850, 5950, 5985, 5015, 6915, 7570, 7730, 7780. 5765 is WRMI-8 at 355 degrees, scheduled 00-13 UT, paired with 11825 the rest of the 24 hours, all-BS-all-the-time. Recheck at 0525 March 24, 5765 is on.

WRMI eclectic music concerts seem rather reliable now during the 14-15 UT hour in two different playouts on 9955 and 11580, as noted March 23 and 24. Here's another: music, no BS on 9955, March 24 at 0541 (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. 5129.73-AM, March 18 at 0139, WBCQ is on with discussion of Muslims and working class, one guy with Britishish accent. That's

'Just Right' a show I first heard some months ago but not much since.

5129.73-AM, UT Sat March 19 at 0144, WBCQ with rock music. 'Allan Weiner Worldwide' is over, as 7489.87-AM is back to BS, so not sure what this is. Nothing is on the WBCQ website sked for 5130 after AWWW until 0100-nominal; Area 51 programming applies only to Saturday and Sunday evenings. Recheck at 0222, now 5129.73 is off. 9330.02-CUSB was on with usual gospel huxter during the 0100-0200 hour; and 3250 is still silent (Glenn Hauser, OK, DX LISTENING DIGEST)

Glenn. For what it's worth, the last few weeks 5110 and now 5130 has been staying on the air after AWW till the top of the hour with fill provided by Larry Will. Ten o'clock, 0200? Damn DST! I haven't adjusted as of yet (John Carver, Mid-North Indiana, UT March 19, DX LISTENING DIGEST)

WBCQ frequency chex on the R75, March 19-UT March 20:

2230: 9329.975 --- 0041: 9330.043

2230: 7490.065 --- 0041: 7489.923

2230: ----- --- 0041: 5129.745

(Glenn Hauser, OK, DX LISTENING DIGEST)

FROM THE ISLE OF MUSIC --- March 21 in the Americas (March 22 in Europe, Asia, Africa and Oceania), our very special guest will be Ivan Acosta, leader of the Jazz ensemble Grupo de Cuba Somos in Santiago de Cuba, along with 3 songs by his ensemble. Also, more of Piñera Concertante, some vintage 1970s hits by Los Latinos and Grupo Los Llamas and some Timba from Dayron y El Boom.

*** Every Monday night from 8pm-9pm EDT in North, Central and South America (Tuesday morning from 0000-0100 UTC in Europe, Africa, Asia and Oceania) on the short waves on WBCQ The Planet, 7.490 MHz: From the Isle of Music, a new radio program dedicated to the music of Cuba ñ Jazz, Fusion, Timba, Nueva Trova, Son, Classical, Folklorica, interviews with musicians, even a little history of the music now and then. Partly in English, en parte en espa0ol. "Like" our page to keep informed about what we will bring you. (For those without shortwave or outside of viable signal range, there are also a couple of ways to stream the frequency via Internet; see the instructions in our NOTES section).

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(via gh, in advance, dxldyg via WORLD OF RADIO 1818, DXLD)

AMATEUR RADIO ROUNDTABLE - HEARD ISLAND

This week (March 22) we will attempt to make ham radio history by having Dr. Bob Schmieder, KK6EK, and the Heard Island Dxpediton team, on our live Tuesday night show. This DXpediton is in one of the most remote locations in the world. The team will arrive on Heard Island less than a day before the interview so they will be very busy setting up. We will attempt a live video webcast with them for the next three Tuesday night shows via satellite phone. What will we see? Who knows! If the weather is good we will try to have some coverage from outside; otherwise, they will probably be inside the tent in bad weather. Heard Island is volcanic glacier that has some very rough weather patterns - rain and snow many days of the year. Rich Holoch, KY6R, will help coordinate our interview with the DXpediton. Will we be successful? We won't know until we try it. Tune in to see! Check out our press release from the ARRL by clicking [here](#).

Our second guest will be Skip Morris, K5FC. Skip and I will discuss ham radio 50 years ago. We will open up the phone lines for other old timers to call in and tell their ham radio experiences from half a century ago. Ship will also show a complete restoration of a 1960s Eico transmitter.

Remember to send your FCC questions to Riley at askriley@w5kub.com for discussion in the program. Riley is a retired FCC Special Counsel for enforcement and brings a lot of knowledge to this area.

If you missed the March 15th show with Frank Howell, K4FMH, discussing the Amateur Radio Parity Act, you can watch it [here](#).

Amateur Radio Roundtable, is a live weekly amateur radio and shortwave program, held every Tuesday night at 8 PM CDT (0100 UT Wednesday). The show can viewed at W5KUB.com or heard on shortwave radio station, WBCQ on 5130 kHz.

To watch Amateur Radio Roundtable on Tuesday evenings, go to W5KUB.com. If you are listening on 5130, we would like to hear from you. Please send an email to tom@w5kub.com and tell us your location and signal report.

We need help with topics. If you have a specific subject that you would like to present in a future show, send an email to tom@W5KUB.com. Forward this message to a Friend will allow you to share this message with your friends. Join us for fun and interesting discussions! (Tom Medlin, W5KUB, host of Amateur Radio Roundtable, via WORLD OF RADIO 1818, DXLD)

** U S A. 9275, March 17 at 1945, WMLK is on, deceased EJOM intoning with some urgency but hardly hysteria, so relatively pleasant, and enough signal to make it thru the 2-foot antenna into the BST-1 SW caradio, relayed on 88.3 FM into my stock non-SW caradio (Glenn Hauser, OK, DX LISTENING DIGEST)

9275, WMLK Bethel PA; 1818-1926+, 18-Mar; Bro. [sic] Jacob, sounding rather strained; "How would Yoshua vote for president?" (wonder who was running?); Sacred Name B'cast + call/QTH ID. S20 peaks but fady (Harold Frodge, Midland MI, USA, Drake R8B + 185' & 60' RW + 125' bow-tie, --- All logged by my ears, on my receiver, in real time! --- DX LISTENING DIGEST)

9275, Friday March 18 at 2022 check, no signal from WMLK, tho 9265 WINB is audible, and it's not even Sabbath yet --- guess they are still 'testing' irregularly.

9275, Monday March 21 at 1955, no signal again from WMLK, while neighbor 9265 WINB is audible.

9275, March 23 at 2010 check, no WMLK, tho neighbor 9265 WINB is audible. So is WMLK going to stay on with a regular schedule or not? It's all old EJOM recordings from years ago, hardly worth the trouble to rebroadcast. I guess Jacob O. Meyer outranx Ralph G. Stair, as aside from being dead already, he's an Elder, not a mere Brother. Hey, I could call myself either one of those or an even more exalted title, and who could contradict it? (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. 9942.90, March 17 at 2017, very poor S5 signal with talk, which on the R75 I can match to the supersignal on 9930 of WTWW-2 as Ted is pushing some FM feeder transmitter during a syndicated talkshow. Naturally, I then tune the opposite side of 9930 for a match, and there it is on 9917.10, also S5 --- WTWW is putting out parasitic spurs at 12.9 kHz above and below.

5072.0, March 18 at 0136, WTWW-2 also puts out JBA carrier spurs from its S9+50 night frequency 5085, and another one on 5098.0 almost inaudiblized by utehash, so these are closer to plus and minus 13.0 kHz, than 12.9 from 9930. During blues/jazz music as 5085 happens to be on tonight, at the whim of Ted.

5072.08, March 18 at 0616, I measure the WTWW-2 spur more closely, which makes it -12.92 kHz from 5085 --- altho I do not confirm whether fundamental is on exactly 5085.000; probably not.

9930, March 18 at 2015, WTWW-2 at S9+20 but open carrier/dead air. I still detect weak but obviously related spurs at 9942.9 and 9917.1;

oops, dead air broken by Ted at 2018 selling that FM feeder transmitter, 2020 back to DA; I leave a radio on this, wondering if another 43 hours of dead air are underway like a week ago? It's the 'Dave Ramsey Show' at 1-4 pm CDT weekdays, minus the Dave Ramsey Show --- only the commercial breaks (presumably) are being filled with modulation, as another one comes at 2031, this time Ted pushing another radio; 2049 it's the C. Crane radio, otherwise dead air past 2100 until transmitter cut off circa 2106*. Well, that's what counts, racking up the per-inquiry payoffs, never mind the programming, sorry Dave! WTWW is I daresay dangerously close to exceeding Radio Habana Cuba for screwups.

5085.01, March 19 at 0220, WTWW-2 is blastingly on with music, so I look for the spurs again: 5072.1 and 5097.9 are detected (Glenn Hauser, OK, WORLD OF RADIO 1818, DX LISTENING DIGEST)

12105, Mar 19, 2016. 2149-2155, WTWW, Lebanon. OM: religious preaching; Now, not in Portuguese but in French; La parole de Dieu; 2159 ID; 2200 Start program in Arabic (not in French). Fair signal and modulation, 35433. (Note: EiBi sked says 2100-2200 USA WTWW Lebanon, TN P NAm) (DXer - JosÈ Ronaldo Xavier (JRX), Cabedelo - PB, Brazil, Sony ICF-SW100S Portable, Telescopic antenna, Hard-Core-DX mailing list via DXLD)

Strangely enough, altho supposedly broadcast for overseas audiences, this makes local timeshifts. Website currently specifies:

`12 PM CDT to 1 PM CDT Pastor Peters
1 PM CDT to 2 PM CDT English
2 PM CDT to 3 PM CDT Spanish
3 PM CDT to 4 PM CDT Portuguese [20-21 UT]
4 PM CDT to 5 PM CDT French [21-22 UT]
5 PM CDT to 6 PM CDT Arabic
6 PM CDT to 7 PM CDT Yoruba
7 PM CDT to 8 PM CDT Russian
8 PM CDT to 9 PM CDT Pastor Peters``
(Glenn Hauser, DX LISTENING DIGEST)

** U S A. 3195, March 20 at 0132, WWRB has activated this frequency for an external gospel huxter, while 3185 is BSing, and 3215 is now occupied by WWCR an hour earlier than before. 3195 is also registered for WWCR at 21-01 & 06-10 but not using it (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. 7504.89, March 18 at 0052, WRNO is already on with gospel rock, S9+40 but distorted, soon a WRNO Worldwide ID at 0053.5 and plug for <http://wrnonetwork.com> to ``meet other listeners``, submit reception reports, etc. Not much of interest there, but linx to a

program schedule

<http://www.wrnoworldwide.com/schedule/>

covering 8-11 pm CT --- and nothing in Chinese and no Deutsche Welle news relays either. Is this up to date? During DST the nominal schedule is 01-04 UT, but they do often turn on a bit earlier (Glenn Hauser, OK, DX LISTENING DIGEST)

Hi Glenn, Saturday (March 19 UT) heard WRNO with "Praise for Today" program in Chinese; ending at 0351 with program ID in English; followed by full WRNO ID and contact info; fair. Chinese scheduled Thursday & Saturday about 0300-0400.

March 20, at 0241, heard WRNO with a DW news relay in English; ending at 0244; followed by InfoWar.com segment with conspiracy theory about Boston Marathon bombings; 0249 WRNO ID (Ron Howard, CA, dxldyg via DX LISTENING DIGEST)

7504.95, March 21 at 0352, open carrier/dead air, as WRNO must have finished early, nominal 0400*. They also start early, so wrong clock? Meanwhile, Ron Howard confirms that their own website program schedule I cited is incorrect, as he still hears 'Praise for Today' in Chinese, UT Sat March 19 until 0351, ``scheduled Thu & Sat about 0300-0400``. And furthermore he still heard a DW news relay in English at 0241-0244 UT Sun March 20. He adds that on March 21 they were already in dead air from 0232 onwards (Glenn Hauser, OK, DX LISTENING DIGEST)

7504.9, WRNO, on March 21 at 0232 and subsequent checking found only an open carrier; no audio at all (Ron Howard, Asilomar State Beach, CA, EtÛn E1, antenna: 100' long wire, dxldyg via DX LISTENING DIGEST)

7504.934, accurate frequency measured, WRNO New Orleans LA in English, "Truth That Changes Life, Jesus Christ, the Lord, ... Amen" sermon noted at 0250 UT on March 23. S=9+45dB or -32dBm powerful strong signal logged on remote SDR unit, on Detroit MI central north USA area.

'Truth That Changes Life' snail mail address given, like
23331 Moulton Parkway
Laguna Hills CA
92653 USA

heard at 0251 UT, end of religious section program. Followed by WRNO New Orleans full ID given at 0252 UT.

"Truth That Changes Life" program on Tuesday 9:30 pm LT US Central Time, by Pastor JP Jones, according to their website.
[selected SDR options, span 12.5 kHz RBW 15.3 Hertz]
(Wolfgang B.schel, wwdxc BC-DX TopNews March 23, dxldyg via DXLD)

** U S A. 9370, March 18 at 0116, WWRBS is still on day frequency, and by 0124, not on 3185 nor on 3195. Meanwhile, WWCN has taken over 3215 after 0100, clearing 6115. While 9370 is S6, slightly closer neighbor in TN, WTWW also still on 31m band, 9475 with SFAW, is much stronger, S9+10; yet both are rated 100 kW (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. Strong signal of World Wide Christian Radio WWCN-1, March 18 from 1600 on 15825 WCR 100 kW / 046 deg to WeEu English, distorted <http://swldxbulgaria.blogspot.com/2016/03/strong-signal-of-world-wide-christian.html>
 -- 73! (Ivo Ivanov, B'lgariya, dxldyg via DX LISTENING DIGEST)

9980, March 21 at 1954, mostly dead air with hum from WWCN, interrupted by brief bursts of BS blather. Meanwhile, TOM is OK on 9370 WWRB and numerous WRMI frequencies. At 2011 recheck, 9980 has recovered during other programming (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. 9975, March 21 at 0407, poor ~S6 signal with 'Sunday Night Swing' music, must be KVOH on past nominal 0400*. One US SW station which has the good sense not to make a DST shift, as if they had, would be going off at 0300 (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A [and non]. AWR A16 Short Wave Broadcast Schedule
 2016-03-27 to 2016-10-29

Site	Start	Stop	Language	Service Area	kHz	m	kW	Days
TRM	0000	0030	Thai	Cambod,Viet,Thai,Laos	11950	125	1234567	
TRM	0000	0030	Burmese	Myanmar	11655	125	1234567	
TRM	0000	0100	Mandarin	C/N-China	11925	125	1234567	
TRM	0030	0100	Karen	Myanmar, Thailand, China	11655	125	1234567	
TRM	0100	0130	Min Nan	Chinese NE-China	15630	125	12345	
TAI	0100	0200	Vietnamese	Vietnam	15445	100	7	
TRM	0100	0130	Mandarin	NE-China	15630	125	67	
TRM	0100	0200	Mandarin	S-China	17650	125	67	
TRM	0100	0130	Min Nan	Chinese S-China	17650	125	12345	
TRM	0130	0200	Mandarin	NE-China	15630	125	67	
TRM	0130	0200	Cantonese	S-China	17650	125	12345	
TRM	0130	0200	Cantonese	NE-China	15630	125	12345	
MOS	0200	0230	Urdu	Pakistan	9690	300	1234567	
MOS	0230	0300	Panjabi	Pakistan	9690	300	1234567	
TRM	0300	0330	Oromo	S-Ethiopia	15500	125	1234567	
NAU	0300	0330	Tigrinya	Eritrea	9530	250	1234567	
MDC	0300	0400	Malagasy	Madagascar	6065	100	1234567	
TRM	0330	0400	Amharic	Ethiopia	15500	125	1234567	

MOS	0330	0400	Farsi	Iran	9505	300	1234567
MOS	0400	0430	Turkish	Turkey	9455	300	1234567
NAU	0400	0430	Bulgarian	Bulgaria	5975	100	1234567
MOS	0430	0500	French	Morocco, Algeria	6155	300	1234567
MOS	0500	0530	Hausa	Nigeria	11955	300	1234567
NAU	0500	0600	Arabic	Egypt,Iraq,Arab Peninsula	15700	250	1234567
ISS	0600	0630	French	Cameroon,Ghana,(Senegal)	12035	250	1234567
MOS	0600	0700	Arabic	Libya	11880	300	1234567
NAU	0600	0630	French	Cameroon,Ghana,(Senegal)	15640	250	1234567
ISS	0700	0730	French	Cameroon,Ghana,(Senegal)	11880	250	1234567
NAU	0700	0800	Arabic	Morocco, Algeria	15225	100	1234567
NAU	0800	0830	French	Morocco, Algeria	15140	100	1234567
NAU	0800	0830	Kabyle	Morocco, Algeria	15225	250	1234567
NAU	0830	0900	Tachelhit	Morocco, Algeria	15225	100	1234567
NAU	0900	1000	Italian	Italy	9790	100	1
SDA	1000	1100	Mandarin	C/N-China	15450	100	1234567
SDA	1000	1100	Mandarin	S-China	15150	100	1234567
SDA	1030	1100	Tagalog	Philippines	17870	100	23457
SDA	1030	1100	Mongolian	N-China, Mongolia	17730	100	1234567
SDA	1030	1100	Ilocano	Philippines	17870	100	16
SDA	1100	1200	Mandarin	S-China	12010	100	1234567
SDA	1100	1130	Indonesian	W-Indonesia	15500	100	1234567
SDA	1100	1200	Mandarin	NE-China	11895	100	1234567
SDA	1100	1200	Mandarin	C/N-China	15430	100	1234567
SDA	1100	1130	Russian	E-Russia	15455	100	1234567
SDA	1130	1200	Javanese	Indonesia, Malaysia	15620	100	246
SDA	1130	1200	Shan	Myanmar	15605	100	1234567
SDA	1130	1200	Sundanese	Indonesia, Malaysia	15620	100	1357
SDA	1200	1230	Min Nan	Chinese C/N-China	12105	100	12345
SDA	1200	1230	Mandarin	S-China	15170	100	67
TRM	1200	1230	Mon	Myanmar	15400	125	1234567
SDA	1200	1230	Mandarin	C/N-China	12105	100	67
SDA	1200	1230	Mandarin	NE-China	9800	100	67
SDA	1200	1300	Korean	Korea	9610	100	1234567
SDA	1200	1230	Min Nan	Chinese NE-China	9800	100	12345
SDA	1200	1230	Min Nan	Chinese S-China	15170	100	12345
SDA	1230	1300	Mandarin	C/N-China	12105	100	67
TRM	1230	1300	Meitei	NE-India, Bangladesh	15430	125	146
TRM	1230	1300	Bangla	NE-India, Bangladesh	15430	125	2357
SDA	1230	1300	Cantonese	C/N-China	12105	100	12345
SDA	1230	1300	Cantonese	S-China	15170	100	12345
SDA	1230	1300	Cantonese	NE-China	9800	100	12345
SDA	1230	1300	Mandarin	NE-China	9800	100	67
SDA	1230	1300	Mandarin	S-China	15170	100	67
TRM	1300	1330	Khmer	Cambod, Viet, Thai, Laos	15150	125	1567
NAU	1300	1330	Mandarin	W-China	17810	250	23456
TRM	1300	1330	Lao	Cambod,Viet, Thai, Laos	17770	125	57
TRM	1300	1330	Isan	Cambod,Viet, Thai, Laos	17770	125	12346

SDA	1300	1330	Kachin	Myanmar	15560	100	1234567
TRM	1300	1330	English	NE-India	15430	125	1234567
NAU	1300	1330	Uighur	W-China	17810	250	17
SDA	1300	1330	Bangla	Bangladesh	15255	100	1234567
TRM	1300	1330	Khmer	Cambod, Viet, Thai, Laos	15150	125	234
SDA	1300	1400	Mandarin	C/N-China	11750	100	1234567
SDA	1330	1400	Malay	Malaysia	15185	100	237
TRM	1330	1400	Khmer	Cambod, Viet, Thai, Laos	15150	125	1
SDA	1330	1400	Assamese	NE-India	15185	100	14
SDA	1330	1400	Hmong	Thailand	15185	100	56
SDA	1330	1400	Kokborok	Bangladesh	15255	100	1234567
NAU	1330	1500	Mandarin	W-China	17810	250	1234567
SDA	1330	1400	Thai	Cambod, Viet, Thai, Laos	15445	100	1234567
SDA	1400	1500	Mandarin	S-China	15715	100	1234567
MDC	1400	1500	Malagasy	Madagascar	6055	100	1234567
TRM	1400	1500	Vietnamese	Vietnam	17670	125	1234567
MOS	1400	1430	Urdu	Pakistan	15440	300	1234567
SDA	1400	1500	Mandarin	C/N-China	9900	100	1234567
SDA	1400	1430	Asho	Chin Myanmar	15150	100	1234567
SDA	1400	1430	Sinhalese	Sri Lanka	15165	100	1234567
SDA	1430	1500	Burmese	Myanmar	15215	100	1234567
TRM	1430	1500	PWO	W Karen Myanmar, Thailand, China	15150	125	1234567
TRM	1430	1500	Karen	Myanmar, Thailand, China	17720	125	1234567
MOS	1430	1500	Afar	Djibouti, NE-Ethiopia, Somalia	17605	300	1234567
SDA	1500	1530	Tamil	S-India	15715	100	1234567
SDA	1500	1530	Mizo	NE-India	15605	100	1234567
NAU	1500	1530	Panjabi	N-India	15265	250	1234567
MOS	1500	1530	Turkish	Turkey	11935	300	1234567
SDA	1500	1530	Telugu	S-India	15590	100	1234567
TRM	1500	1530	Nepali	Nepal	15525	125	1234567
SDA	1530	1600	Kannada	S-India	15730	100	1234567
SDA	1530	1600	Oriya	India-Odisha	15715	100	1234567
TRM	1530	1600	Marathi	C-India	11975	125	1234567
SDA	1530	1600	Gujarati	India-Gujarat	15525	100	1234567
MDC	1530	1600	Malayalam	S-India	15680	125	1234567
NAU	1530	1600	Hindi	N-India	15265	250	1234567
MOS	1530	1600	Panjabi	Pakistan	15290	300	1234567
NAU	1530	1600	English	Nepal, Tibet	15670	250	12347
TRM	1530	1600	Hindi	C-India	11990	125	1234567
NAU	1530	1600	Tibetan	Nepal, Tibet	15670	250	56
MOS	1600	1630	Urdu	Pakistan	15260	300	1234567
TRM	1600	1630	English	C-India	11975	125	1234567
NAU	1600	1630	Bulgarian	Bulgaria	9830	100	1234567
SDA	1600	1630	English	S-India	15530	100	1234567
SDA	1600	1630	Urdu	N-India	15360	100	1234567
NAU	1630	1700	Tigrinya	Eritrea	15490	250	1234567

NAU	1630	1700	Somali	Somalia	17570	250	1234567
MOS	1630	1700	Farsi	Iran	15150	300	1234567
SDA	1630	1700	English	N-India	15360	100	246
SDA	1630	1700	Sindhi	S-Pakistan	15360	100	1357
MEY	1700	1730	Kiswahili	Tanzania, Kenya, Uganda	9600	250	1234567
MDC	1700	1728	Kiswahili	Tanzania, Kenya, Uganda	17720	250	1234567
NAU	1700	1730	Amharic	Ethiopia	17570	250	1234567
NAU	1730	1800	Oromo	S-Ethiopia	17720	250	1234567
NAU	1730	1800	Kabyle	Morocco, Algeria	15170	100	1234567
MEY	1730	1800	Masai	Tanzania, Kenya, Uganda	9600	250	1234567
MOS	1800	1900	Arabic	Libya	11955	300	1234567
TRM	1830	1900	English	E-Africa	15155	250	1234567
NAU	1900	1930	Wolof	Senegal, Gambia	11790	250	1234567
MOS	1900	1930	Hausa	Nigeria	11955	300	1234567
NAU	1900	2000	Arabic	Morocco, Algeria	11800	100	1234567
MDC	1900	2000	Arabic	Egypt, Iraq, Arabia	15480	250	1234567
MEY	1930	2000	Fulfulde	Cameroon, Ghana, (Senegal)	11790	250	1234567
MOS	1930	2000	French	C-Africa	17570	300	1234567
NAU	1930	2000	Tachelhit	Morocco, Algeria	9610	100	1234567
ISS	1930	2000	Ibo	E-Nigeria	15205	250	1234567
MOS	2000	2030	Dyula	Burkina Faso, Ivory Coast, Mali	11955	300	1234567
NAU	2000	2030	French	Cameroon, Niger	9565	250	1234567
SDA	2000	2030	Russian	E-Russia	9760	100	1234567
NAU	2000	2030	French	Morocco, Algeria	9610	100	1234567
ISS	2030	2100	Yoruba	Nigeria	11790	250	1234567
MOS	2030	2100	French	W-Africa	15155	300	1234567
SDA	2100	2200	Korean	Korea	11790	100	1234567
MOS	2100	2130	English	W-Africa	11955	300	1234567
SDA	2100	2200	Mandarin	W-Japan, S-China	12040	100	1234567
SDA	2100	2200	Mandarin	C/N-China	11750	100	1234567
SDA	2200	2230	Sundanese	W-Indonesia	15435	100	2467
SDA	2200	2230	Indonesian	W-Indonesia	15320	100	1234567
SDA	2200	2300	Mandarin	NE-China	15685	100	1234567
SDA	2200	2230	English	W-Indonesia	15435	100	135
SDA	2200	2300	Mandarin	C/N-China	15215	100	1234567
SDA	2230	2300	Javanese	W-Indonesia	15320	100	1234567
SDA	2230	2300	Indonesian	W-Indonesia	15435	100	1234567
SDA	2300	2400	Mandarin	C/N-China	17520	100	1234567
TRM	2300	2400	Mandarin	C/N-China	17880	125	1234567
SDA	2300	2330	Vietnamese	Vietnam	15320	100	1234567
TRM	2300	2400	Mandarin	NE-China	15625	125	1234567
SDA	2300	2330	Khmer	Cambod, Viet, Thai, Laos	15365	100	234
SDA	2300	2330	Khmer	Cambod, Viet, Thai, Laos	15365	100	1567
TRM	2300	2400	Mandarin	NE-China	11730	125	1234567
SDA	2330	2400	Khmer	Cambod, Viet, Thai, Laos	15365	100	1
SDA	2330	2400	Thai	Cambod, Viet, Thai, Laos	15365	100	2346
SDA	2330	2400	Asho	Chin Myanmar	15320	100	1234567

SDA 2330 2400 Lao Cambod, Viet, Thai, Laos 15365 100 57

AM YFR 1100 1200 SPAHA Spanish (HA) Cuba 181 degrees 5950 100 1234567

AM YFR 0000 1000 SPAHA Spanish (HA) Cuba 181 degrees 5950 100 1234567

ISS = Issoudun

SDA = Agat

MDC = Madagascar

TAI = Taipei

MEY = Meyerton

TRM = Trincomalee

MOS = Moosbrunn

WER = Wertachtal [sic]

NAU = Nauen

Days:

1 = Sunday

2 = Monday

3 = Tuesday

4 = Wednesday

5 = Thursday

6 = Friday

7 = Saturday

(via Alokesh Gupta, dx_sasia yg via DXLD)

** U S A. 680, March 18 at 1336 UT, ``Country Legends, KKYX, now in stereo on 104-9``. Does ``now`` imply a recent addition? No, as of last August it's already in the NRC AM Log as // K285EU, 104.9, but it also shows \$tereo (and IBOC) on 680. If so, why does KKYX San Antonio TX imply it's not stereo on original AM frequency? Did they turn that off once they had the translator? BTW coverage of a 250-watt max FM translator is incomparable to a 50/10 kW lowband AM station. As for IBOC, I have not noticed any noise from it peaking at 667/693 (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. 880, March 19 at 0226 UT, songs in Spanish dominate, ENE/WSW, and not much from KRVN even when aiming N. This is on DSB, but later I need to listen on LSB only, to avoid KHAC NM/AZ QRM which is on USB only. Soon hear non-IDs inserted between songs, as ``La Tremenda 8-80, ---algo--- La Raza``. The word Raza immediately rules out MExico, since in that country the SS have no need to define themselves as a race! Next tune lyrics repeat over and over ``chocolate`` and ``soy feliz``. Another non-ID at 0231, but I can't definitely comprehend the word(s) before ``La Raza``; guesses: ``sirviendo``; ``al tiempo con``. At 0235 UT, announcement leaves impression they are despidiéndose, but more music follows. (Meanwhile I am switching back and forth with 1030; see MEXICO.) By now I have looked up 880 in the NRC AM Log and see ``La Tremenda`` is a station I

have heard before, where else but in Highland IL, WIJR, 1700/160 watts U4; just east of St Louis MO.

880, 0259 UT March 19 trying for an ID, all I can get in QRM is a CBS TOH bong, presumably from WCBS NYC itself, a rarity here. No other C affiliates listed on 880. BTW, in case you haven't heard, CBS corporate is considering getting rid of radio, a bombshell leading to much discussion, some to be quoted in the next DXLD (Glenn Hauser, OK, WORLD OF RADIO 1818, DX LISTENING DIGEST)

** U S A. AM 970, WWRK Florence, SC. March 9, 2016 2225-0105 UT. 2332 male "We got the swagga lines open in the studio. Everyone is calling requesting their favorite gig jams. Let us know what we can play for you and yours. This is swagga radio." I'm honestly shocked at the unedited, x-rated songs played on this station. Rap songs with swear words prohibited by the FCC. Not simple swear words, big time swear words. Think of George Carlin's "7 Dirty Words". Does WWRK realize what they are broadcasting? Do they even care? Does the FCC know? 73, (Kraig, KG4LAC, Krist, March 18, ABDX via DXLD)

Kraig, this was heard at 6:32 [pm] EST? The songs weren't bleeped at all? (anon., ibid.)

Can be heard online:

<http://tunein.com/radio/Swagga-Radio-970-s29923/>
[<http://cdn-radiotime-logos.tunein.com/s0q.png>]

WWRK - Swagga Radio 970 AM Florence, SC - Listen Online
<<http://tunein.com/radio/Swagga-Radio-970-s29923/>>
tunein.com Listen online to Swagga Radio 970 in Florence, SC. Where Real Hip Hop Lives - Florence

I am listening right now 1513 CDT and hear nothing out of the ordinary. Must have been a ROGUE DJ, hopefully only a one time incident. slogan "SWAGGA RADIO" 1516 CDT (Steven Wiseblood, Harlingen TX, AB5GP, March 19, ibid.)

Heard before change to EDT. Was from tune in at 1725 EST (2225 UT) on March 9, 2016. Rap song with several unedited f**k (Kraig Krist, ABDX via DXLD)

** U S A. 980, KFWB, CA, Los Angeles ñ Format to South Asian (ex-SPT); slogan to iDesi 980, î drop nets (Log Updates, NRC DX News March 28 via DXLD)

I heard reports of the upcoming KFWB format change but never saw when it happened. I think I heard them a couple weeks ago with their sports format. Maybe it was 3 weeks ago.

Listening now to music, then English announcement "Desi 9-80 AM, Hollywood's Bollywood station". Wonder how large their audience is? Desi is pronounced like Day-see. Desi 980
<http://tunein.com/radio/Desi-980-s32744/>
Listen to Desi 980 on TuneIn

The MW band out here in So Cal sound more like the old SWBC band now. Less and less English. We already have Spanish, Korean, Vietnamese, Farsi, Chinese (Mandarin and Cantonese). (Martin Foltz, Mission Viejo CA, March 20, ABDX via WORLD OF RADIO 1818, DXLD)

** U S A. 1030, March 20 at 1312 UT, ``Real Country`` non-ID and into ``Louisiana Saturday Night`` from NE/SW. It's KCWJ, Blue Springs MO (Kansas City suburb) confirming recent NRC report that they have flipped to C&W by this slogan, ex-religious/gospel (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. Formerly silent stations informing the FCC that they are no longer silent: 1060, WLNO LA New Orleans ñ Silent Mar. 25 (2015), on the air with temporary longwire Mar. 10 (AM Switch, NRC DX News March 28 via DXLD)

Seems I have noted more QRM lately on this frequency, but how much power? Surely nowhere near the original 50000/5000 U4 (gh, DXLD)

** U S A. 1150, re earlier [below] unID report March 18: KSAL Salina KS website was extremely slow to load completely, but when I checked it a few hours later, link had appeared, including:
<http://www.ksal.com/ksal-lineup/>
which shows news at the time I was listening, Friday 1340 UT, nothing about music, so rule out KSAL:

``The KSAL Morning News with Rich Alexander & Jeff Garretson
Salina callers: 823-9596 Long distance callers: 1-800-608-1150
Cell phone callers: *1150
E-mail: richalexander@ksal.com & jeffgarretson@ksal.com

It's Salina's #1 morning show, The KSAL Morning News, hosted by award-winning radio personalities Rich Alexander & Jeff Garretson. You'll get national news from ABC, statewide news from the Kansas Information Network, Todd Pittenger in the KSAL newsroom, the Kansas Ag Network and Mike Hammet on sports. It's the perfect mix to start your day.
5:30-9am``

Rest of week's schedule shows only talk shows, except gospel huxters on Sunday morning, which could of course include some Christian music, and what's this 'Bill Miller Show' at 5-8 am Sundays [10-13 UT]?

Nothing about it except title. Ah yes, that's the one I was thinking about, with ``Wax Works`` playing 78s, a Kansan thing:

<http://www.thebillmillersshow.com/>

<http://www.thebillmillersshow.com/pages/history.php>

(Glenn Hauser, DX LISTENING DIGEST)

** U S A. 1190, March 20 at 0150 UT, KQQZ announcing that dead air is normally a no-no (really? witness my many logs of it from incompetent stations on MW and SW), but on this nonconformist station, a minute of silence is about to follow ``in memory of our loved ones`` (not clear if those were more clearly defined). ``If you tune to another station, don't come back, because we don't want you as a listener``. Well, it's not totally dead, but a chime every 10 seconds from 0151.5 UT to 0152.5 UT. This is one of the Insane Broadcasting Company cluster almost owned by ``Bob Romanik "The Grim Reaper of Radio", ``The Kraziest Son of a Bitch you'll ever hear on the radio`` to quote his own website,

<http://www.kqqz1190am.com/GrimReaper.html>

Obviously on 10 kW day power rather than 22 watts nite, variously attributed to De Soto MO, Belleville IL, Fairview Heights IL === St Louis MO market (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. 1380, March 18 at 0147 UT, I'm checking for KRCM, Spanish gospel from TX, but instead hear English ad mentioning area code 901 a couple times. That leads to Memphis TN area, inhabited by WLRM Millington, 2.5/1 kW U4 ``Blues Southern Soul and More`` per NRC AM Log; but not much to go on, tentative (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. 1420, March 19 at 0202 UT, Fox News Radio promo for its Facebook fan community, back to news; 0206 UT local weather attributed to KWQC TV6, which was originally WOC-TV, so this is WOC Davenport IA, no longer related? Opening ``from the WOC studios, another hour of healthy conversation`` (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. 1470, March 21 at 0321 UT as I bandscan, promo for ``AM 1470 KVHS``, heard twice, and I'm pretty certain of the calls --- but they lead nowhere, nothing similar found in NRC AM Log, or FCC AM Query (unless it were 1420, KBHS Hot Springs AR --- surely not!).

So I try Barry McLarnon's ``fuzzy`` search site via

<http://topazdesigns.com/ambc/>

and get a hit on: KDHN Dimmitt TX, which is 500/140 watts in the panhandle, direxional westward, but close enough fonetikaly and geografikaly to be feasible (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. 1480, KBXD, TX, Dallas ñ Format to Stunting (ex-GOS/REL); slogan to iSuper-hit go-go sounds of wonderful K-Box.î (GH) (Log

Updates, NRC DX News March 28 via DXLD)

** U S A. FCC Special Temporary Authority info: 1540, WKXG, MS, Greenwood ñ Applies for STA with U1 250/1 from a temporary longwire (AM Switch, NRC DX News March 28 via DXLD)

** U S A. FCC Special Temporary Authority info: 1540, KZMP, TX, University Park ñ Granted STA with U1 8000/187.5, can't operate directionally after fire destroyed antenna tuning unit at one of the towers (AM Switch, NRC DX News March 28 via DXLD) Instead of 32000/750 U4, with ESPN Deportes (NRC AM Log 2015-2016 via DXLD)

** U S A. 1580, March 18 at 0145 UT, gospel huxter from NW/SE dominates, no doubt Colorado Springs under its latest format and call KFCS, and 10 kW day power past 0100 official sunset, instead of 140 watt night power; overcoming my semi-local 1580 KOKB Blackwell OK (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. 1660, KTIQ, CA, Merced ñ Format to AOR (ex-SS:REL); slogan to i105.7 The Bearî (Log Updates, NRC DX News March 28 via DXLD)

1660, KTIQ, CA, Merced, 3/18 2056 [EDT] was Spanish/religion, now rock with the slogan iThe Bear 105.7î (K298CB). (John & Nancy Hardy Johnson, Mesa AZ, Western DX Report, IRCA DX Monitor March 26 via DXLD)

** U S A. 1680, March 17 at 0617 UT, dead air loops SE/NW. Must be KRJO Monroe LA which is now just another FM simulcaster.

1680, March 19 at 0159 UT, open carrier/dead air, S9+15 atop the CCI, including WPRR, Public Reality Radio, Ada (Grand Rapids) MI, joint ID for WPJC which is 88.3 in Pontiac IL. The OC/DA loops NW/SE, and can't be anything but KRJO Monroe LA, especially since its music is missing as first noted March 17 at 0617 UT, so has it been dead all that time, still so at 0304 UT March 19, some 45 hours later?? Is anyone listening closer to Monroe? Does anyone care since it became a mere appendage to an FM station?

1680, UT March 20 at 0144 UT, gumbo ad during LSU Sports, so KRJO Monroe LA has come back to life after days(?) of dead air, for something more important than mere music from FM sibling; 0145 UT singing ad for WCK, foundation repair, and back to baseball (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. I'm not a lawyer, nor an expert in what constitutes fraud. But after listening to the all-too frequent informercials currently airing on Coast to Coast for Critical Health News.com, I can't help but wonder why the FDA hasn't already brought charges against not on the

sponsor, but also IHeartRadio, and the show's producers.

For over two hours, Dr. Joel Wallach dispensed medical advice, and prescribed a variety of his supplements to treat, prevent, or cure the various ailments. Talk about a lack of government oversight and regulation! George Noory needs to be ashamed of himself for going along with this. 73, (Les Rayburn, N1LF, 121 Mayfair Park, Maylene, AL, March 21, NRC-AM via DXLD)

A large discussion thread followed, which anyone may access in the IRCA mail archive. If so, he has lots of company on US talk radio shows (gh, DXLD)

** U S A. FM channel allocations: see MEXICO [and non]

** VIETNAM. 6019.999, V of Vietnam 4th program from Dac Lac site, Vietnamese singer at 0145 UT on March 23, S=+10dB or -67dBm. Endless monotonous singer program. And Dac Lac outlet usually also accompanied by two spurious signals on 6006.633 and 6033.366 kHz, some 13.368 kHz distance apart away. Spur signals wobble steadily 3-5 Hertz in frequency, variable behaviour.

Close-adjacent [to MYANMAR 7200], 7210 kHz Dac Lac was rather S=9+25dB strong. 7209.999, V of Vietnam, 1st program, from Dac Lac, and two symmetrical spurious of 13.765 kHz apart frequency distance either side, on 7196.232 and 7223.764 kHz, varying wobble a little bit of 5 Hz to the narrow side at 0157 UT, female voice presenter in Vietnamese. Heard in eastern Thailand remote unit.

9635.796, Voice of Vietnam 1st service from Son Tay site, S=8 or -78dBm fair signal at 0232 UT on usual very odd frequency [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang B. Schel, 0030-0300 UT on March 23, log on remote SDR unit in eastern Thailand, BC-DX 23 March via DXLD)

** WESTERN SAHARA [non]. CLANDESTINAS, 1550, Frente POLISARIO, Rabouni, Argélia. Enquanto o programa em castelhano, durante a emissão matutina, parece ter desaparecido (pelo menos, não vai para o ar no antigo horário das 1200-1300*), já a emissão vespertina tem "mexido" algo.

No dia 06/3, observei-a entre as 1710 e as 1728, mas foi-me impossível prolongar a observação, pelo que ignoro se terminou às 1730, mas antes das 1800 já emitiam em árabe.

No dia 08/3, ocorreu às 2301-2334*, e idem nos dias 9, 10, 12, 13, 22 e 23. Nos restantes, dias (11 e 14 a 21/3), as obs. foram quase diárias, e nos dias em que as fiz, não escutei o programa em

castelhano 2300-2330*. Good DX & 73, (Carlos Gonçalves, SW Coast of Portugal, March 24, DX LISTENING DIGEST)

ALGERIA, 1550, Radio Nacional Saharaui, Rabuni, 2008-2015, 19-03, Arabic, comments, 23322 (Manuel Méndez, Lugo, Spain, Logs in Friol and Lugo, Tecsun PL-880, Sangean ATS-909X, Sony ICF SW7600G, Cable antenna, 8 meters, dxldyg via DX LISTENING DIGEST)

ALGERIA, 1550, RN Dem. Sahara Rep, Rabuni, at 2200 UT. Talk by two men in Arabic. Short musical bridge (traditional regional singer). Then announcement by man mentioning "Saharauia" twice. No ID in Spanish as heard in other occasions. When in USB-Mode co-Channel U.K. stations could be faded out. SI0: 333 (Zeljko Crncic, Germany, wwdxc BC-DX TopNews March 21, BC-DX 23 March via DXLD)

** YEMEN [non]. Reception of Republic of Yemen Radio, March 16 from 1800 on 11860 JED 050 kW / non-dir to N/ME Arabic http://swldxbulgaria.blogspot.bg/2016/03/reception-of-republic-of-yemen-radio_16.html (DX RE MIX NEWS # 944 from Georgi Bancov and Ivo Ivanov, March 21, 2016, via DXLD)

Rep. Yemen Radio Sanaa (Saudi Arabia Relay?) 11860, 1455 17 MAR - SINPO = 15221. ?Arabic?, instrumental music theme music fb male announcer at 1458z. QSB=rapid-to-ff rate, modulation mostly below noise floor with occasional peak just above it. sf92.0 a22, k4, geomag: active. 50kw?, Omni?, bearing 7 ?. Sangean ATS505 w/MFJ-1020C active antenna used to preselect Magic Wand Antenna hanging indoors on west wall. Received at Las Vegas, United States, 13045KM? from transmitter at Riyadh?. Local time: 0755.

11860, 1503 18 MAR - SINPO = 25312. Arabic, station theme music, male announcer @1504z (ID?) fb female announcer and male announcer alternating and interviewing w/music in bg. QSB=rapid-to-ff rate, modulation on noisy carrier mostly mixing with noise floor. sf92.0 a21, k2, geomag: quiet. 50kw?, Omni?, bearing 7 ?. Sangean ATS505 w/MFJ-1020C active antenna used to preselect Magic Wand Antenna hanging indoors on west wall. Received at Las Vegas, United States, 13045KM? from transmitter at Riyadh?. Local time: 0803 (Rodney Johnson, NV, dxldyg via DX LISTENING DIGEST)

11860, March 19 at 1414, Republic of Yemen Radio is only poor, fluttering S7-S4 in Arabic, very unusual rather than big solid signal.

11860, March 20 at 1415, Republic of Yemen Radio is back up to incredible S9+20 signal during Arabic music (Glenn Hauser, OK, DX LISTENING DIGEST)

11860, 1352 21 MAR - SINPO = 25222. Arabic, male announcer interviewing male over the phone. QSB=moderate-to-rapid rate, modulation on noisy carrier mostly above noise floor, less fluttery than usual. sf88.3 a10, k2, geomag: quiet. 50kw?, Omni?, bearing 7 ?. Sangean ATS505 w/MFJ-1020C active antenna used to preselect Magic Wand Antenna hanging indoors on west wall. Received at Las Vegas, United States, 13045KM? from transmitter at Riyadh?. Local time: 0652.

11860, 1404 22 MAR - SINPO = 35212. Arabic, male announcer interviewing male in studio. 1410z musical interlude fb male announcer. (Spot check 1448z SINPO45334 music w/microtonal vocals, @1449z station theme music). QSB=rapid-to-ff rate, modulation on noisy carrier often mixing with noise floor but occasional peaks well above it. sf89.0 a8, k3, geomag: unsettled. 50kw?, Omni?, bearing 7 ?. Sangean ATS505 w/MFJ-1020C active antenna used to preselect Magic Wand Antenna hanging indoors on west wall. Received at Las Vegas, United States, 13045KM? from transmitter at Riyadh?. Local time: 0704.

11860, 1510 23 MAR - SINPO = 35222. Arabic, music with microtonal vocals. (nothing heard at 1315z, only weak RHC 11760 on entire 25m band). QSB=rapid-to-ff rate, modulation mostly above noise floor. sf87.3 a8, k2, geomag: quiet. 50kw?, Omni?, bearing 7 ?. Sangean ATS505 w/MFJ-1020C active antenna used to preselect Magic Wand Antenna hanging indoors on west wall. Received at Las Vegas, United States, 13045KM? from transmitter at Riyadh? Local time: 0810 (Rodney Johnson, NV, dxldyg via DX LISTENING DIGEST)

Once I get to Saudi I will march down to the nearest transmitter in Riyadh to see if they're actually Voice of Yemen :-) 73, (Ed Sylvester, Baghdad, Iraq, March 21, via Ron Howard, DXLD)

Still unregistered on HFCC A-16, but the competition is now: 1330-1530, NorthKorean clandestine via UZBEKISTAN, 100 kW, 76 degrees from Tashkent (Glenn Hauser, WORLD OF RADIO 1818, DX LISTENING DIGEST)

** ZAMBIA. 5915, Mar 22, 2016. 0243-0302, Zambia NBC, Lusaka, in Tonga lang. Open carrier; 0250 Start programming: NA, drums, OM talks; ID, regional songs. Fair signal and poor modulation, 35432 (DXer - JosÈ Ronaldo Xavier (JRX), Cabedelo - PB, Brazil, Degen 1103 & Tecsun S-2000, Portable Telescopic antenna, Hard-Core-DX mailing list via DXLD)

[and non]. Zambia is not very strong, when monitored northerly. I guess Zambia is only on 10 kW power level, some 2000 kilometers away. Only tiny S=3 or -105dBm signal heard in DARC Amberg club remote station. NBC Zambia - Nothing reliable signal heard in German-Swiss border remote unit, nor at Forli Italy, Calabria Italy, Madrid Spain, Zakynthos Greece, or Doha Qatar either, at 0300-0310 UT March 18.

Out of approx. 15 to 20 degrees signal on #216 type curtain antenna from SenTec Meyerton-RSA give a much stronger signal northerly in Uganda / Kenya target. wb

Tentative RLA schedule via SenTec Meyerton in A-16 season 270316-290316: See UGANDA [non] including 5915!

Hi Wolfy, RLA on "5915 0300 0400" would QRM ZNBC/Radio One (Zambia) also on 5915 from sign on about 0240. Certainly not the best frequency/time for them (Ron Howard, CA, dxldyg via WORLD OF RADIO DX LISTENING DIGEST)

Well spotted Ron! I have sent an email to Sentechn reminding them that ZNBC1 has been using 5915 for years now, although it doesn't list in HFCC. The proposed transmission seems (to me) likely to cause severe interference for ZNBC shortwave listeners in Zambia. Upsetting our neighbours without good reason is not a good idea. Regards, (Bill Bingham, RSA, dxldyg via WORLD OF RADIO 1818, DX LISTENING DIGEST)

** ZAMBIA. Friday March 18, from tune in at 1211 through to 1400. Good reception in Jo'burg of Voice of Hope test transmission from Zambia on 9680 kHz. Christian songs with IDs in English every few minutes. Off air at 1400* following a brief 1 kHz sine wave. ID (838KB mp3) posted: <https://app.box.com/s/bjff99b5yik4jag9n9g9vy1eym5pktbj0>

There are several variations of this ID in use, all featuring the same OM. I believe testing resumes (tentatively) on this frequency from 0800 to 1400 Monday, daily for the next week or so. Thanks to Ray Robinson for the tipoff.

Voice of Hope from Zambia were also testing this morning (March 22) on 6065. Heard at 0608, but poor even in Jo'burg. Faded out completely by 0654. Tentative and unconfirmed schedule for further tests on this frequency, 0600-0800, 1400-1600, possibly for the rest of this week.

As I type this at 0829, they are coming in well on test frequency of 9680, tentative schedule of 0800-1400, possibly for the rest of this week.

Voice of Hope, Zambia, on air testing 6065 March 23. Already on air at 0550 tune in, with 1 kHz sine wave. Switched to Christian songs at 0559, ID at 0608. Varying s5 to s7, but mainly the lower end. and quite noisy in Jo'burg. Tentatively scheduled on this frequency till 0800, then changing to 9680 kHz (Bill Bingham, Johannesburg RSA, March 23, Drake R8E, Sony ICF2001D. dxldyg via WORLD OF RADIO 1818, DX LISTENING DIGEST)

[and non]. 9680, March 23 at 1250 I check for Voice of Hope reported

by Bill Bingham, RSA, to be testing daytimes circa 06-14 UT on this frequency, which is no good in North America at 11-14 due to RTI and ChiCom jamming (not to mention KNLS Alaska foolishly scheduled on same at 13-14!). Yes, at this time I am hearing CNR1 jammer // 6125 et al. I do recheck at 1356, seems only one Chinese signal, and at 1358 mixing in is a tone of slightly more than 1 kHz. Maybe that is Zambia! Everything goes off after CNR1 timesignal at 1400*. Same check March 24 at 1358 finds no tone. 6065 is the other VOH frequency, at least for tests, circa 06-08 & 14-16 (Glenn Hauser, OK, WORLD OF RADIO 1818, DX LISTENING DIGEST)

** ZANZIBAR. TODAY'S ZANZIBAR ELECTION --- March 20, checking Zanzibar (6015), found 0301-0335 to have the usual format, but at 0410 a speech with many mentions of "Zanzibar" and the crowd often cheering; went to what sounded like commentary, again with many mentions of "Zanzibar." Clearly dealing with today's election (Ron Howard, CA, dxldyg via WORLD OF RADIO 1818, DX LISTENING DIGEST)

UNIDENTIFIED. 1030, March 21 at 0427 UT, open carrier/dead air with some hum at S9+25, hard to DF but sort of N/S, making me suspect 50 kW daytimer KCTA Corpus Christi TX which has been known to do this before.

1030, March 23 at 0229 UT check, still open carrier/dead air, presumed KCTA Corpus Christi TX, 50 kW non-direxional daytimer. March 24 at 0519 UT, still OC, plus big hum, and now I get a DF befitting Corpus (Glenn Hauser, OK, DX LISTENING DIGEST) Subsequently definitely IDed

UNIDENTIFIED. 1150, March 18 at 1340 UT, classic rock tunes dominate, looping NE/SW, rather than KSAL KS which would be N/S; 1342 UT ID amid tunes as ``All News Radio`` --- huhhh?? And then a gospel rock song; 1345 UT fading out but still not much from KSAL. Possibilities are KHR0 El Paso TX 5000/380 watts U1, oldies; closer KOLJ Quanah TX 530/77 watts U1, supposed to be country classics; or even KRMS Osage Beach MO, 840/55 watts U1, news/talk. Could it be KSAL all along, skewed DF, and despite breaking format? Website <http://www.ksal.com> has nothing resembling a program schedule, but branded as NewsRadio 1150. Seems I have heard them with some music before, at least on weekends (Glenn Hauser, OK, DX LISTENING DIGEST)

UNIDENTIFIED. 1700, March 18 at 0143 UT, classic rock song in English; would assume any station playing music would now be KKLK Richardson TX, but they have been Tejano; diversified? The other TX and IA 1700s are sports or at least talk (Glenn Hauser, OK, DX LISTENING DIGEST)

UNIDENTIFIED. 3340, 3350, 3360, 3385, 3445, 3450, March 22 at 0540, suspicious JBA carriers, which can't be SWBC stations, on the R75. Maybe receiver generated mixtures, or some could be genuine MW

harmonics such as 3450 which is S5 with a bit of talk modulation, 3 x 1150? (Glenn Hauser, OK, DX LISTENING DIGEST)

UNIDENTIFIED [and non]. 4765.000, TAJIKISTAN, Dushanbe, Yangi Yul 1st px, S=6 -85dBm at 1320 UT, hit always as in past days, by 1 kHz adjacent whistle carrier on 4766.000 kHz. Unidentified station yet. [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang B.schel, log of monitoring on remote SDR unit located in eastern Thailand, March 17 at 1030-1330 UT, dxldyg via DX LISTENING DIGEST)

UNIDENTIFIED. 4766.0, March 18 at 1349, JBA carrier still here close to fade-out, presumably something from Asia (Glenn Hauser, OK, DX LISTENING DIGEST)

4766.0, no longer heard 1211 on March 20 and during subsequent days. Last heard March 19 at 1224 with strong open carrier; never any audio (Ron Howard, Asilomar State Beach, CA, EtŮn E1, antenna: 100' long wire, March 21, dxldyg via DX LISTENING DIGEST)

UNIDENTIFIED. 4774.965, March 17 at 1134, JBA carrier vs CODAR, but gone at 1146 check. Could it be R. Tarma, Per' this late before fading out? Tarma sunrise was 1107 UT today. In mid-Feb, Pedro F Arrun-tegui in Lima put it on 4774.90. In mid-March it was 4774.91 for Anker Petersen, Denmark. No Asians are known around 4775 (Glenn Hauser, OK, DX LISTENING DIGEST)

UNIDENTIFIED. 6035.028, March 17 at 1154, JBA carrier on the hi side; Bhutan is reported at 6035.05, but not sure where PBS Yunnan is exactly; is that it? (Glenn Hauser, OK, DX LISTENING DIGEST)

UNIDENTIFIED. Broadcasts in DRM mode, March 22 from 0945 on 6045 & 6095, probably via Nauen: <http://swldxbulgaria.blogspot.bg/2016/03/unidentified-broadcasts-in-drm-mode.html> -- 73! (Ivo Ivanov, B'lgariya, dxldyg via DX LISTENING DIGEST)

UNIDENTIFIED. 7030 & 7120, March 20 at 1316, JBA carriers from INTRUDERS, presumed Kashmir clandestine still here, and Somaliland longpath. 7030 has QRM from a WD9 sending very slow CQs in CW (Glenn Hauser, OK, DX LISTENING DIGEST)

UNIDENTIFIED. Right now (0920 UT) there is another low power pop music station on 7235, with an ID including "2000" if I heard it right. I do not see it listed, so probably it's not officially authorized. Off at ca. 0920 it seems (Kai Ludwig, Germany, March 20, dxldyg via DX LISTENING DIGEST)

UNIDENTIFIED. A tough one: 9704.3 (or just in Twente?), Arabic or Sahel, 2150* --- Today, March 21 I came across a weak signal via

Twente SDR on 9704.3, stuck to it from 2055 to 2150*; believe it might have been a receiver artefact, as I could not trace it on other receivers. But of course it must be "something". Almost only music it seemed, most likely north African or Sahel style. Off at 2150 after short announcement and another bit of music. No, I don't believe it was "La Voix du Sahel" [NIGER] as at that time a programme in Hausa translated as "audience opinion" should have been broadcast, followed by news in French at 2150. Looking for sign-offs in this timeslot, I didn't find anything likely in EiBi except Oman on 1242 kHz. I can't spend time on this the next three evenings, so I hand over the mystery to you. 73 (Thorsten Hallmann, Germany, March 21, dxldyg via WORLD OF RADIO 1818, DX LISTENING DIGEST)

Ethiopia was on 9704.3 some years ago (Roberto Scaglione, Sicily, ibid.)

UNIDENTIFIED. 11770.127, March 19 at 1911, JBA carrier I notice after checking out the continuing crackle from 11775 Anguilla. Could it be Voice of Nigeria? 11770 is one of their frequencies altho not reported lately at this time, but very likely to be off-frequency. Also note this from a month ago:

``Xinjiang CNR PBS Chinese noted on 11769.973 kHz, but also whine distortion on nearby 11770.156, 11770.204 and 11770.716 kHz, latter could be another V of Nigeria outlet? (Wolfgang B,schel, Feb 20, wwdxc BC-DX TopNews, dxldyg via DXLD) Time? circa 0510? by neighboring logs (gh)`` (Glenn Hauser, OK, DX LISTENING DIGEST)

Wolfgang B,schel had something similar on Feb. 2nd:

``Auf der 11770 kHz sah ich einen Tr ger um 1835 bis 1837 UT auf der genauen 11770.028 kHz, der ist aber danach OFF gewesen. NIG war doch fr her immer unterhalb von 11770 kHz, nie auf der oberen Seite.``

I personally think it's unlikely that any of these were Voice of Nigeria, because they just aren't typical. Generally, there are two patterns:

* Any of the Abuja transmitters would be 110-130 Hz to the low side on 25m. The higher the frequency, the higher the offset. Of course we cannot know if all three Abuja transmitters behave like this, as we never heard more than two in //. 25m from Abuja unheard since may 2015 or so.

* The IKO transmitter has always been straight on-channel recently. The whine is visible as various strings or spurs or whatever, the main ones, however, approx. 800 Hz and 2.4 kHz off-channel. Normal modulation makes them oscillate by maybe a few hundred Hz, causing the

whine. They got more or less rid of it during short tests before recent disappearance, but then the transmitter caused a kind of noise floor, quite broad-band. 25m from IKO was typically used for Arabic - 1800. 73 (thorsten hallmann, Germany, DX LISTENING DIGEST)

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UNSOLICITED TESTIMONIALS

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ACKNOWLEDGED ON WORLD OF RADIO 1818:

Thanks to Gerald T Pollard, NC, for a generous quarterly seasonal contribution to P O Box 1684, Enid OK 73702

Gerald, Many thanks for another check. I think you are my most reliable + generous supporter. And for the press (Glenn to Gerald)

A pittance, sir, compared to the value of your service to SWL, and to public sanity, over the past three or four decades (Gerald T Pollard)

TO BE ACKNOWLEDGED FUTURELY:

Mark Skinner, Columbus OH, generous contribution via PayPal to woradio at yahoo.com

Thanks to Christopher Brennen for a contribution via PayPal to woradio at yahoo.com

Thanks to William Hassig, Mt Prospect IL, for a check to P O Box 1684, Enid OK 73702

CONVENTIONS & CONFERENCES

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2016 DXERS GATHERING, SEPTEMBER 9-11, 2016 IN KANSAS CITY, MO

DXers in AM, FM, and TV, including the NRC, IRCA, WTFDA, and DecaloMania will gather on September 9-11, 2016 in Kansas City, MO. Plan to arrive on Thursday for 3 nights, and we end Sunday at noon. The Gathering will be held at the Hyatt Place Kansas City Airport, 7600 NW 97th Terrace. To reserve your hotel room, call 1-816-891-0871 x3 and ask for the Group Rate for the National Radio Club, group code GNRCC. The deadline for hotel reservations is August 18. Rates are \$99.00 per night for 1 to 3 persons per room, plus taxes and fees. Free airport transfers and breakfast each morning. Registration: \$55 per person which includes a free Friday evening pizza party and Saturday evening banquet. Checks made payable to iNational Radio Club and sent to Ernest J. Wesolowski, 13312 Westwood Lane, Omaha, NE

68144-3543. Please mention which club(s) you belong to for club treasury info. Dale Hamm W5LN and Ernie are your hosts (NRC DX News March 28 via DXLD)

DIGITAL BROADCASTING --- IBOC See USA 680 KKYX  
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DIGITAL BROADCASTING --- DRM See also NEW ZEALAND; USA +non;  
+++++ UNIDENTIFIED 6045/6095

Re: DRM General Assembly 2016 at Fraunhofer IIS, April 5-7th

"During the General Assembly the members and guests will review the DRM outstanding activities and achievements of the past year."

A delayed Indian receiver which reviews say is insensitive, difficult to tune, can only use batteries to receive DRM and switches itself off after an hour due to being sold with "test firmware" which appears not to have been updated yet as promised.

Posts 46 to 72, comments of two users and link to swling.com contributor review DRM Receivers - Page 5 - DRM Software Radio Forums <http://drmr.org/forum/showthread.php?t=2576&page=5>

A 56 second video promoting the Indian car receiver in which the signal drops out when the car moves forward.

DRM in a Car - first Indian car with a DRM receiver  
<https://www.youtube.com/watch?v=3iy1gMr775s>

"The event will focus on the radio receiver and car industry and the need for the provision of multi-standard radios in Europe which can and should include DRM reception in the AM and in the VHF bands.î

Despite the fact that there is nothing to listen to and no interest from European broadcasters. They continue to swan around the world promoting and developing DRM largely using public money. Their latest video is all of 27 seconds and shows a BBC DRM broadcast being received in South Africa on a Uniwave receiver which had a limited pre-production run before the project was abandoned according to a poster on the drмна list.

Digital Radio Mondiale transmission during SABC DRM Workshop. Babcock International transmission of BBC programmes  
[https://www.youtube.com/watch?v=61FqyF-V\\_8Y](https://www.youtube.com/watch?v=61FqyF-V_8Y)

I see the "Managing Director" whatever that means of the DRM consortium may well be a relative of the consortium chairperson.



Management | Digital Radio Mondiale  
[http://www.drm.org/?page\\_id=85](http://www.drm.org/?page_id=85)

Ruxandra Obreja is Head of Digital Radio Development in the BBC World Service concentrating her efforts on DRM. Previously she was the Controller of B... (Mike Barraclough, dxldyg via DXLD)

RADIO EQUIPMENT FORUM  
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SOUND EFFECTS BUT NOT AS YOU KNOW THEM  
<http://www.bbc.com/news/in-pictures-35802142>  
(via Gerald T Pollard, NC, DXLD)

MY REPLY TO FCC RULE MAKING CHANGE

I have worked at a radio station on 1240 since 1967, full and now part time. I have my General class license and my amateur license. The proposal to eliminate skywave protection to A class licensees and only protect to the 0.1 ground wave: It won't work. Skywave does not go by proposed rules. There will be nights that the rules will be OK, and there will be many that skywave will go a much longer distance. When I lived in Atlanta, a station, a daytimer on 750 decided to stay on at night. I could hear it under WSB and I lived less than 15 miles from the transmitter site. As for the B C and D stations getting more power at night = BAD idea. As for 1240, the move to 1000 watts at night reduced our range. I live 10 air miles from the radio station. I barely hear it at night on nights where propagation is good and not at all when conditions are prime for "DX". So to listen to "AM" skywave is the only way.

WVOC, 560 45 miles away on 560 would be another ground wave station for me, however given protection at current levels, I get poor reception many nights. WQAM [Miami] causes severe interference on nights where propagation is "auroral". And some stations hundreds of miles west often forget to cut power. That leads me to believe that giving D class stations on clear channel frequencies is a bad idea. I determined that B,C,D stations on the old "regional" frequencies have a problem. There is a LOT of cheating going on. Not the big corporate boys, but the small local owner(s) that have decided their flea power doesn't work and either run day power or a slightly lower version.

This also raises noise levels. Here is another example: A 250 watt station in New England decided to stay on at night (on 1110) and I could hear them under WBT right IN Charlotte and not in the sharp null toward Gastonia. So I conclude that especially on class A frequencies, allowing night power would substantially cause interference well

inside their night coverage areas. I see a lot of influential consulting engineers thinking it won't be a problem. They don't listen to radio as much as I do. Where I live there is NO cable TV, NO DSL, and shaky cell coverage. My internet is on a MiFi, and it is very expensive, and has a restrictive data cap (Powell E. Way III, SC, March 20, ABDX via DXLD)

Very well written, Powell. Your thoughts are well thought out. The FCC is only interested in the almighty dollar without using the long history of using the proven experience of propagation. It is very easy to jam FM signals because of the general lack of daily enhancement. If there is enhancement I believe that if a station will be severely interfered with, whether it be AM or FM, it will simply move frequency or go belly up.

If the FCC chose to use propagation understanding with new stations having tighter directional signals so that the primary is covered then they would be able to "cram" more stations to their hearts' desire but then that would be too logical. I understand that the FCC cares less about cheaters unless a station complains. My 2 cents worth (Todd Skaine, Bloomington MN, ibid.)

AM REVITALIZATION via radio insightboard

March 23, 2016 at 1:28 pm #147662

<https://radioinsight.com/community/topic/am-revitalization-comments/#post-147662>

Hi Warren, Thanks for your interest. If you go to the FCC ECFS comment search page at the link below and put in 13-249 for the docket number, it will return a list of all the comments filed in that proceeding. Be prepared for a lot of reading if you want to go through them all. I picked out a sampling of those from broadcasters, consultants, and individual commenters. There were some good ideas and well thought out responses in the group.

[http://apps.fcc.gov/ecfs/comment\\_search\\_solr/search](http://apps.fcc.gov/ecfs/comment_search_solr/search)

Scott's comments:

<http://apps.fcc.gov/ecfs/document/view?id=60001546049>

SBE comments:

<http://apps.fcc.gov/ecfs/document/view?id=60001542062>

AM Radio Preservation Alliance:

<http://apps.fcc.gov/ecfs/document/view?id=60001546573>

<http://apps.fcc.gov/ecfs/document/view?id=60001546574>

<http://apps.fcc.gov/ecfs/document/view?id=60001546575>

<http://apps.fcc.gov/ecfs/document/view?id=60001546576>

<http://apps.fcc.gov/ecfs/document/view?id=60001546577>

<http://apps.fcc.gov/ecfs/document/view?id=60001546547>

(via Artie Bigley, DXLD)

PROPAGATION

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GEOMAGNETIC INDICES ñ Compiled by: Phil Bytheway

E-mail: phil\_tekno@yahoo.com

Geomagnetic Summary February 1 2016 through February 29 2016

Tabulated from email status daily (K @ 0000 UTC.)

Date Flux A K Space Wx

|    |     |    |   |              |
|----|-----|----|---|--------------|
| 1  | 100 | 9  | 0 | no storms    |
| 2  | 102 | 6  | 3 | no storms    |
| 3  | 112 | 14 | 1 | minor, G1    |
| 4  | 123 | 6  | 1 | no storms    |
| 5  | 120 | 12 | 2 | no storms    |
| 6  | 117 | 8  | 3 | no storms    |
| 7  | 117 | 8  | 2 | no storms    |
| 8  | 115 | 17 | 1 | no storms    |
| 9  | 117 | 10 | 3 | no storms    |
| 10 | 112 | 5  | 1 | no storms    |
| 11 | 113 | 10 | 4 | no storms    |
| 12 | 112 | 13 | 2 | minor, R1    |
| 13 | 110 | 7  | 1 | minor, R1    |
| 14 | 108 | 10 | 1 | minor, R1    |
| 15 | 107 | 11 | 4 | minor, R1    |
| 16 | 104 | 38 | 5 | moderate, G2 |
| 17 | 100 | 34 | 6 | moderate, G2 |
| 18 | 95  | 29 | 4 | minor, G1    |
| 19 | 94  | 15 | 3 | no storms    |
| 20 | 100 | 6  | 1 | no storms    |
| 21 | 96  | 4  | 2 | no storms    |
| 22 | 94  | 4  | 1 | no storms    |
| 23 | 91  | 6  | 3 | no storms    |
| 24 | 88  | 7  | 2 | no storms    |
| 25 | 92  | 5  | 2 | no storms    |
| 26 | 89  | 7  | 0 | no storms    |
| 27 | 90  | 4  | 1 | no storms    |
| 28 | 93  | 4  | 1 | no storms    |
| 29 | 91  | 5  | 2 | no storms    |

Gx ñ Geomagnetic Storm Level Rx ñ Radio Blackouts Level Sx ñ Solar  
Radiation Storm Level (IRCA DX Monitor March 12 via DXLD)

:Product: Weekly Highlights and Forecasts

:Issued: 2016 Mar 21 0054 UTC

# Prepared by the US Dept. of Commerce, NOAA, Space Weather Prediction  
Center

# Product description and SWPC contact on the Web

# <http://www.swpc.noaa.gov/weekly.html>

#

# Weekly Highlights and Forecasts

#

## Highlights of Solar and Geomagnetic Activity 14 - 20 March 2016

Solar activity ranged from very low to low levels during the period. Low levels were observed on 15, 16 and 19 March due to isolated, weak C-class flares from Regions 2521 (N19, L=029, class/area Dao/080 on 14 Mar) and 2522 (N14, L=078, class/area Cao/040 on 15 Mar). No Earth-directed coronal mass ejections were observed in coronagraph imagery.

No proton events were observed at geosynchronous orbit.

The greater than 2 MeV electron flux at geosynchronous orbit was at moderate levels on 14, 15 and 19 March and high levels on 16-18 and 20 March.

Geomagnetic field activity ranged from quiet to minor storm levels (G1-minor). The period began with quiet conditions, but increased to unsettled to minor storm levels late on 14 March due to the onset of a co-rotating interaction region (CIR) in advance of a coronal hole high speed stream (CH HSS) that originated from a negative extension off of the southern crown. With the CIR, wind speeds rapidly increased from about 360 km/s to near 565 km/s by late on the 14th. The interplanetary magnetic field (IMF) responded with total field (Bt) readings of 23 nT while the Bz component rotated between +18 nT to - 19 nT.

Geomagnetic field conditions remained elevated through 18 March with quiet to minor storm levels. Solar wind conditions also remained enhanced with wind speeds that approached 600 km/s midday on the 17th. Bt and Bz relaxed by early on 15 March with Bt fairly steady at 10 nT with Bz varying between +/- 8 nT. 18 and 19 March saw quiet to active levels due to prolonged periods of southward Bz. During this time frame, wind speeds averaged about 425 km/s.

## FORECAST OF SOLAR AND GEOMAGNETIC ACTIVITY 21 MARCH - 16 APRIL 2016

Solar activity is expected to be at very low levels with a chance for C-class activity throughout the outlook period.

No proton events are expected at geosynchronous orbit.

The greater than 2 MeV electron flux at geosynchronous orbit is expected to be high levels on 21-22 March, 04-06 April and 12-16 April. Normal to moderate levels are expected for the remainder of the outlook period.

Geomagnetic field activity is expected to reach G2-moderate storm levels on 02 April with G1-minor storm levels expected on 03, 11-13

April due to the influence of recurrent, negative polarity CH HSSs. Quiet to unsettled conditions are expected for the remainder of the outlook period under a nominal solar wind regime.

:Product: 27-day Space Weather Outlook Table 27DO.txt

:Issued: 2016 Mar 21 0054 UTC

# Prepared by the US Dept. of Commerce, NOAA, Space Weather Prediction Center

# Product description and SWPC contact on the Web

# <http://www.swpc.noaa.gov/wwire.html>

#

# 27-day Space Weather Outlook Table

# Issued 2016-03-21

#

| # | UTC         | Radio Flux | Planetary | Largest  |
|---|-------------|------------|-----------|----------|
| # | Date        | 10.7 cm    | A Index   | Kp Index |
|   | 2016 Mar 21 | 90         | 8         | 3        |
|   | 2016 Mar 22 | 85         | 8         | 3        |
|   | 2016 Mar 23 | 85         | 10        | 3        |
|   | 2016 Mar 24 | 85         | 8         | 3        |
|   | 2016 Mar 25 | 90         | 5         | 2        |
|   | 2016 Mar 26 | 90         | 5         | 2        |
|   | 2016 Mar 27 | 90         | 5         | 2        |
|   | 2016 Mar 28 | 90         | 5         | 2        |
|   | 2016 Mar 29 | 90         | 5         | 2        |
|   | 2016 Mar 30 | 90         | 5         | 2        |
|   | 2016 Mar 31 | 90         | 5         | 2        |
|   | 2016 Apr 01 | 90         | 5         | 2        |
|   | 2016 Apr 02 | 90         | 30        | 6        |
|   | 2016 Apr 03 | 90         | 20        | 5        |
|   | 2016 Apr 04 | 95         | 8         | 3        |
|   | 2016 Apr 05 | 95         | 5         | 2        |
|   | 2016 Apr 06 | 95         | 5         | 2        |
|   | 2016 Apr 07 | 95         | 5         | 2        |
|   | 2016 Apr 08 | 95         | 10        | 3        |
|   | 2016 Apr 09 | 95         | 5         | 2        |
|   | 2016 Apr 10 | 95         | 15        | 3        |
|   | 2016 Apr 11 | 95         | 24        | 5        |
|   | 2016 Apr 12 | 90         | 22        | 5        |
|   | 2016 Apr 13 | 90         | 20        | 5        |
|   | 2016 Apr 14 | 90         | 8         | 3        |
|   | 2016 Apr 15 | 90         | 8         | 3        |
|   | 2016 Apr 16 | 90         | 5         | 2        |

(SWPC via WORLD OF RADIO 1818, DXLD)

GLENN'S PROPAGATION OUTLOOK FOR MEDIA NETWORK PLUS AS OF MAR 24, 2016

Keith, From IPS in Australia, the global HF propagation forecast thru

March 26: normal at all latitudes.

From Spaceweather South Africa, thru March 26, magnetic conditions quiet, shortwave fadeouts unlikely, MUF unstable.

From Met Office UK, thru March 27, Solar activity is expected to remain very low, with about a ~30% chance of common-class flares, and only a 5% chance of moderate-class flares. Geomagnetic activity mainly Quiet to Unsettled with a chance of isolated Active intervals from late on the 26th onwards.

From Petr Kolman of the Czech Propagation Interest Group, the Geomagnetic field will be:

quiet on March 25 - 26

quiet to unsettled on March 27, 30, April 5 - 6, 13

mostly quiet on March 31, April 1, 9

quiet to active on March 28 - 29, April 4, 7 - 8

active to disturbed on April (2 - 3), 10 - 12

From SWPC in Boulder: Geomagnetic activity expected to reach G2-moderate storm levels on April 2, A and K indices peaking at 30 and 6; with G1-minor storm levels expected on April 3, and 11-13, A and K indices reaching 24 and 5. Solar flux rising from 85 March 24 to only 95 April 4-11.

William Hepburn's VHF-UHF DX maps show extreme tropospheric ducting along the west coast of India all week, and the east coast until March 27; the NW coast of Australia March 27-29 (via DXLD) ###